CRAFTSMAN

REG. U. S. PAT. OFF.

TOOLS

THE FINEST QUALITY MADE

SOLD EXCLUSIVELY BY

SEARS, ROEBUCK AND CO.

CRAFTSMAN TOOLS

REG. U. S. PAT. OFF.

ARE GUARANTEED AMERICA'S HIGHEST QUALITY—BAR NONE

Yet Sears Saves You 1/3

Compare the prices asked for CRAFTSMAN tools with those asked by many other dealers for tools of the same quality. You will find Sears low prices will save you about one-third. Just think! A saving of 33⅓ cents out of every dollar.

Only Sears economical plan of merchandising and the tremendous volume of tools sold by our 500 big stores makes this amazing saving possible. And remember, when you buy CRAFTSMAN tools you get tools that are equal in every way to the most expensive tools sold, plus the special quality features that are exclusive with CRAFTSMAN.

Read our guarantee below that covers every CRAFTSMAN tool . . . see how we stand behind these fine tools. You can buy CRAFTSMAN tools with confidence and be sure that you are getting the best. Go to your local Sears retail store. See them. Then you'll understand why Sears guarantee them to you.

Guarantee

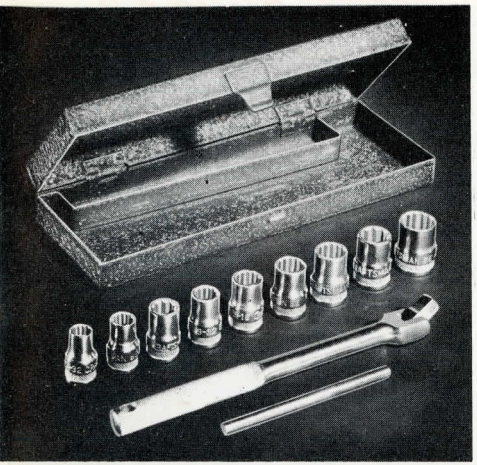
CRAFTSMAN TOOLS are unconditionally guaranteed to be free from defective material or workmanship. Any tool that fails to give satisfaction will be replaced without charge.

SEARS, ROEBUCK AND CO.

DESIGNED FOR IGNITION, RADIO AND CARBURETOR WORK

MIDGET WRENCH SETS

Guaranteed America's Highest Quality. They're heat treated and made extra thin to fit close places. Chrome Vanadium steel, chromium plated for long wear.



11-PIECE "MIDGET" WRENCH SET

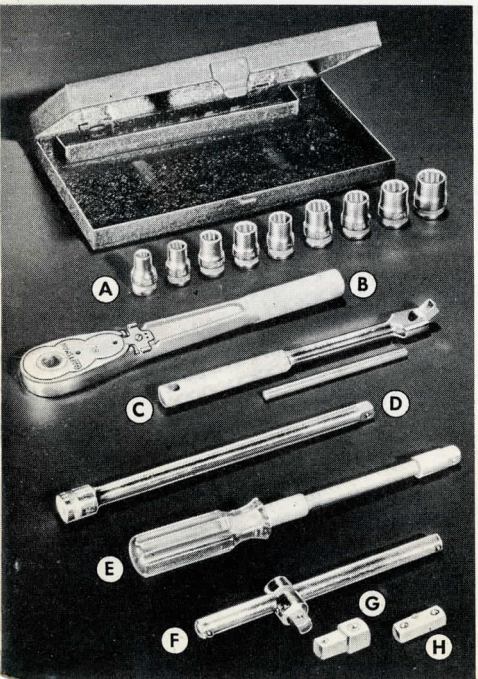
For convenience and utility on all jobs—no mechanic should be without this handy 11-pc. socket set. Does small jobs in a big way and does big jobs better. Set includes seven 12-point sockets from 7/32 to 7/16 inch, two 8-point sockets (1/4 and 5/16 inch), one 2-pc. Flex "T" handle with cross bar, 1/4-inch drive. In metal box.

9 AC 4406—11-Pc. Set.. **$1.35**

16-PIECE "MIDGET" IGNITION WRENCH SET

Every piece is quality made of chrome Vanadium steel—for extra strength and for added long life. Set of 16 pieces includes, in addition to the 11 pieces in the above set, one 6-in. ratchet with 1/4-in. adapter, one 6-in. extension, one slide handle, and one flex "T" handle.

9 AC 4367—16-Pc. Set.. **$3.95**



MIDGET SOCKETS AND ATTACHMENTS

1/4-inch Square Drive

Ⓐ **12-PT. HEX. SOCKETS**
Sizes 7/32, 1/4, 9/32, 5/16, 11/32, 3/8 and 7/16 inch.
9 AC 4350—Each.....12c

8-PT. HEX. SOCKETS
Sizes 1/4 and 5/16 in.
9 AC 4351—Each.....12c

Ⓑ **REVERSIBLE RATCHET**
With 1/4-in. square opening.
9 AC 4430.....$1.45

Ⓒ **6-IN. FLEX "T" HANDLE**
9 AC 4352—With cross bar. 49c

Ⓓ **6-INCH EXTENSION**
9 AC 4353.....35c

Ⓔ **FLEX SPINNER HANDLE**
9 AC 4355—(Amber handle) 95c

Ⓕ **SLIDE "T" HANDLE**
9 AC 4354.....39c

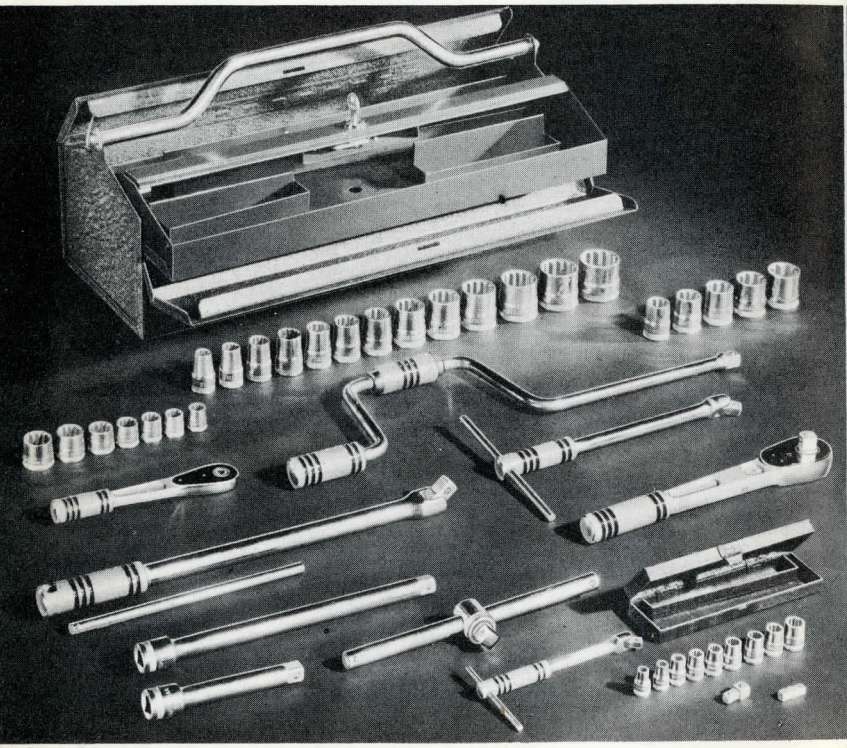
Ⓖ **3/8-INCH ADAPTER**
9 AC 4432.....19c

Ⓗ **1/4-INCH ADAPTER**
9 AC 4431.....12c

AS GOOD LOOKING AS IT IS TOPS FOR QUALITY

47-PIECE SUPER SOCKET SET

Here's quality that challenges comparison—plus good looks never before found in a set of this kind. Guaranteed America's highest quality



The guaranteed, unbreakable amber colored handles (see back cover) make this modern 47-piece socket wrench set entirely different from anything like it on the market. Every tool is the last word in quality construction from chrome vanadium steel. The new handsome, blue crystalline finished, hip-roof box, with divided top makes all tools and tote-tray easily accessible from either side. Complete with lock and two keys. Set includes a tool for every purpose as follows:

¼-INCH SQUARE DRIVE

7—12-pt. sockets, 7/32 to 7/16 in.
2—8-pt. sockets, ¼ to 5/16 in.
1—reversible ratchet
1—¼-inch adapter
1—⅜-inch adapter
1—6-in. flex "T", 3-in. cross bar

⅜-INCH SQUARE DRIVE

6—12-pt. sockets, 7/16 to ¾ in.
1—8-pt. sockets, ⅜-inch
1—10-in. flex "T", 6-in. cross bar

½-INCH SQUARE DRIVE

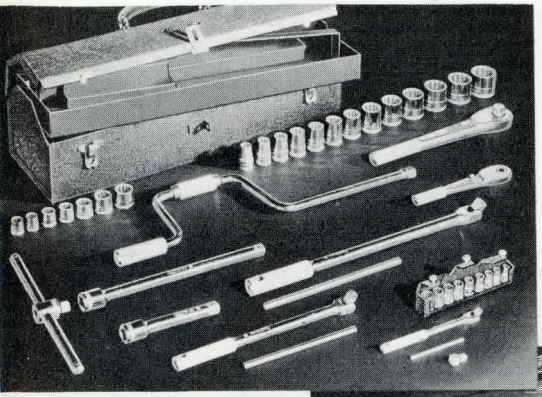
13—12-pt. sockets, 7/16 to 1⅛ in.
5—8-pt. sockets, ½ to ¾ inch
1—short extension, 5-inch
1—long extension 10-inch
1—reversible ratchet
1—slide bar handle
1—speeder, 18-inch
1—15-inch flex "T" handle with 8-inch cross bar.

9 AC 4372—47-Piece Wrench Set Complete..... **$19.95**

INDISPENSABLE IN MAKING MANY COMBINATIONS

SOCKET AND SPINNER SETS

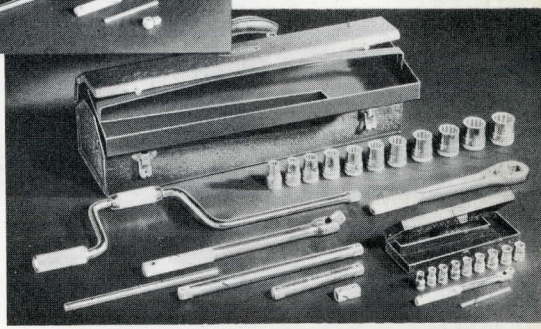
The sockets are thin, straight wall type, made from chrome vanadium steel. Finest quality and workmanship your money can buy



42-PIECE WRENCH SET

Set contains thirteen ½-inch square drive sockets (7/16 to 1⅛-inch), seven ⅜-inch square drive sockets (⅜ to ¾ inch) nine ¼ inch square drive sockets (7/32 to 7/16 inch) two extensions, two reversible ratchets with adapter, three flex "T" handles with cross bars, slide bar, and speeder. Complete in tote tray metal box with socket trays.

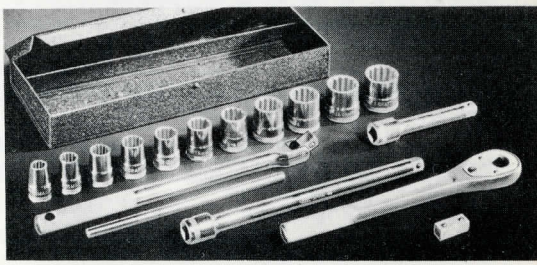
9 AC 4371
42-pc. Set..... **$14.95**



29-PIECE SET

Set includes eighteen 12-point sockets (7/32 to 1-inch), two 8-point sockets (¼ to 5/16-inch), two extensions, ratchet, two flex "T" handles with cross bars, adapter, and speeder. Complete in 20-gauge steel box with lift out tote tray.

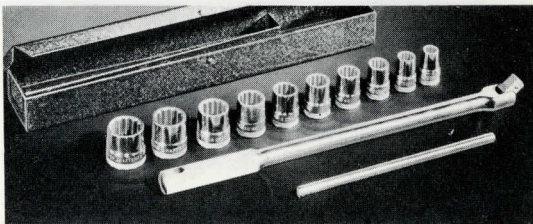
9 AC 4379
29-Pc. Set..... **$8.95**



17-PIECE SET

½-inch square drive. Set consists of eleven 12-point sockets (7/16 to 1-inch), 12-inch flex "T" handle, 8-inch cross bar, standard ratchet, adapter, 5 and 10-inch socket extensions. Complete in metal box.

9 AC 4370
17-Pc. Set..... **$6.45**



12-PIECE NUT SPINNER SET

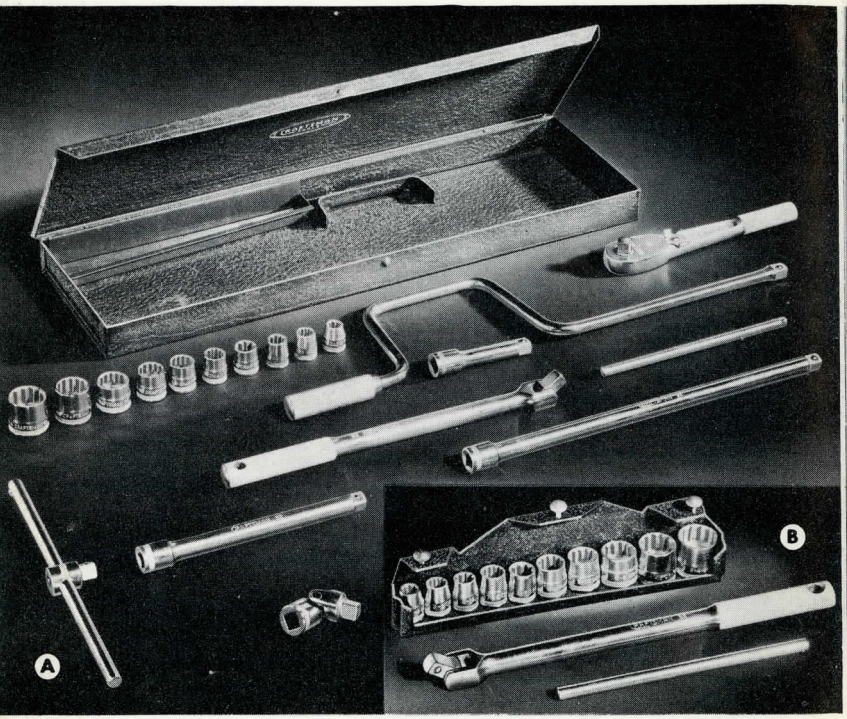
Thin wall sockets. ½-inch drive. Set includes ten 12-point sockets (7/16 to 15/16), and one 15-inch flex "T" handle with cross bar. Metal box. A very popular set.

9 AC 4405
12-Pc. Set..... **$3.75**

CHROME VANADIUM STEEL 3/8-INCH SQUARE DRIVE

"FIT-MOR" WRENCH SETS

These wrenches with their slender handles and short thin walled sockets, will Fit-Mor tight places than any other style within its range of sizes.



CRAFTSMAN 19-PIECE WRENCH SET

(A) Made from finest chrome Vanadium steel—chromium finish. Strongest made. Guaranteed rust-resisting. Set includes 10 short 3/8-in. drive sockets (seven 12-pt., 3/8 to 3/4 in., and three 8-pt., 1/4 to 3/8 in.), 16-in. speeder wrench, 10-in. flex "T" handle with cross bar, 6-in. reversible ratchet, slide bar handle, universal joint, three extensions (3, 6 and 11 inches). Complete in metal box.

9 AC 4407—19-Pc. Set, complete **$6.98**

CRAFTSMAN 11-PIECE WRENCH SET

(B) Same high quality only a smaller set. Set of 11 pieces includes 10 short 3/8-in. drive sockets (seven 12-pt. sockets, 3/8 to 3/4 in., and three 8-pt., 1/4 to 3/8 in.), one 10-in. flex "T" handle. Complete in metal case.

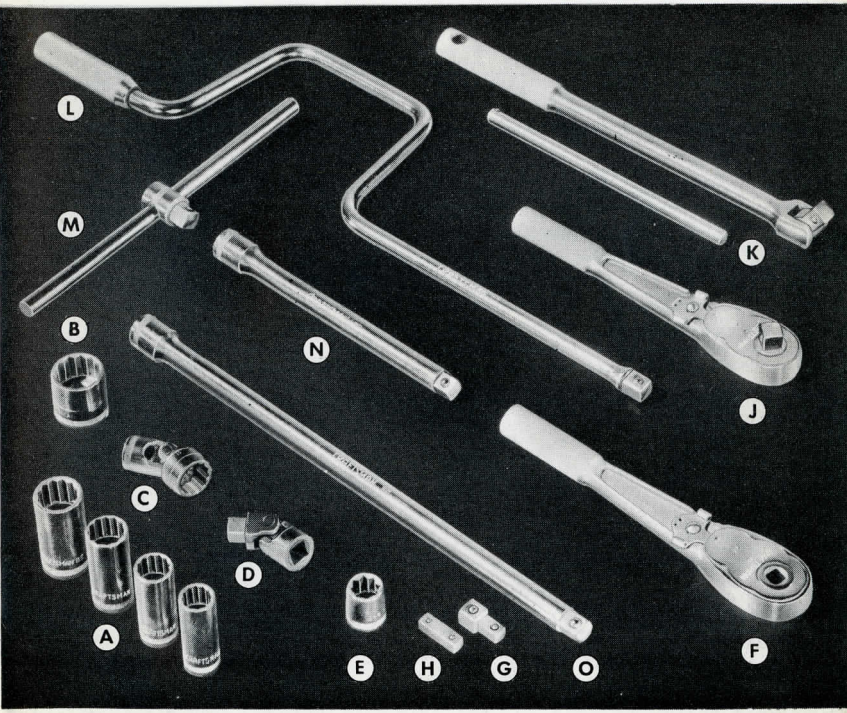
9 AC 4408—11-Pc. Set, complete **$2.85**

CRAFTSMAN

HIGHEST QUALITY, "FIT-MOR" 3/8 IN. SQUARE DRIVE

SOCKETS AND ATTACHMENTS

Replace your broken or missing tools with these parts. Every CRAFTSMAN tool is chrome Vanadium steel—strongest made on the market today.



Ⓐ 12-PT. EXTRA DEEP SOCKET SET
Set of four. 7/16, 1/2, 9/16 and 5/8 inch.
9 AC 4437—Complete set **$1.35**

12-PT. HEX. EXTRA DEEP SOCKETS
9 AC 4438—Size, 7/16 in. Each . . **29c**
Size, 1/2 in. Each . . **35c**
Size, 9/16 in. Each . . **39c**
Size, 5/8 in. Each . . **45c**

Ⓑ 12-PT. HEX SOCKETS
Sizes 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 in.
9 AC 4433—Each **18c**

Ⓒ 12-PT. UNIVERSAL SOCKETS
9 AC 4439—7/16, 1/2, 9/16, 5/8 in.
Each **95c**

Ⓓ UNIVERSAL JOINT
9 AC 4435—3/8-inch size **59c**

Ⓔ 8-PT. SQUARE SOCKETS
9 AC 4434—1/4, 5/16, 3/8 in.
Each **18c**

Ⓕ 6-INCH REVERSIBLE RATCHET
9 AC 4430—1/4-inch square opening. **$1.45**

Ⓖ RATCHET ADAPTERS
9 AC 4432—3/8-inch. Each. **19c**
Ⓗ 9 AC 4431—1/4-inch. Each. **12c**

Ⓙ 6-INCH REVERSIBLE RATCHET
With 3/8-inch square drive end.
9 AC 4429. . . . . **$1.45**

Ⓚ 10-IN. FLEX "T" HANDLE
With cross bar.
9 AC 4436. . . . . **$1.15**

Ⓛ 16-INCH SPEEDER WRENCH
9 AC 4427. . . . . **65c**

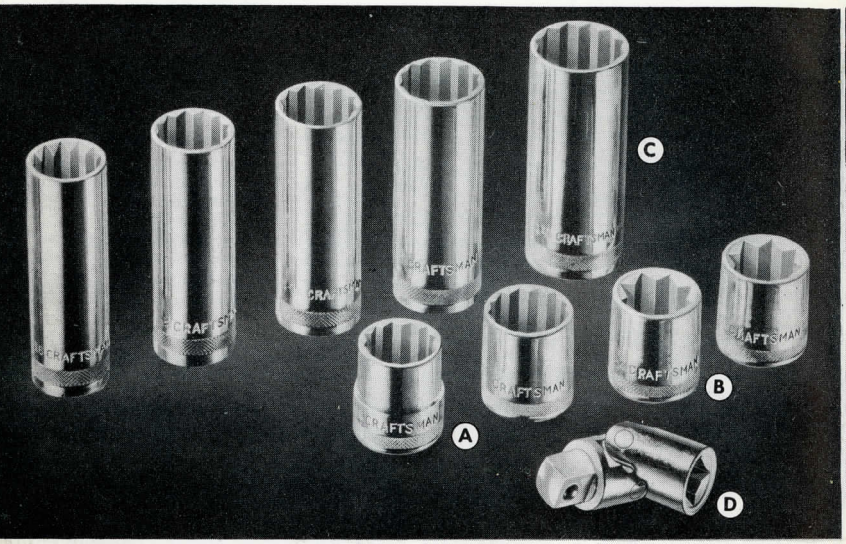
Ⓜ SLIDE BAR HANDLE
9 AC 4428. . . . . **49c**

Ⓝ EXTENSION BARS
9 AC 4426— 3-inch. **29c**
9 AC 4426— 6-inch. **39c**
Ⓞ 9 AC 4426—11-inch. **49c**

CHROME VANADIUM STEEL, CHROMIUM PLATED

1/2-IN. SQUARE DRIVE SOCKETS

No nut or bolt is hard to get at when you have these CRAFTSMAN extra thin sockets on the job. They're heat treated and tempered for indefinite wear.



12-POINT HEXAGON SOCKETS

(A) Accurately broached with 12-point opening that will fit firmly over nut or bolt head. Their thin wall construction allows them to work freely in tight places. Extra strong Noted for durability.

9 AC 4421—
Sizes 7/16, 1/2, 9/16, 5/8, 21/32, 11/16, 3/4, 13/16 inch. Each..... **23c**
Sizes 7/8, 15/16, 1, 1 1/16, 1 1/8 inches. Each..... **32c**

8-POINT SQUARE SOCKETS

(B) All CRAFTSMAN sockets are made to one high quality standard. These thin wall 8-point square sockets besides saving you money, are guaranteed to give you performance and all around satisfaction which every good mechanic expects and demands.

9 AC 4422—Sizes 1/2, 9/16, 5/8, 11/16, 3/4 inch. Each..... **29c**

CRAFTSMAN 5-PC. DEEP SPARK PLUG SET

(C) Set consists of five 1/2-inch drive sockets, sizes 13/16, 7/8, 15/16, 1 and 1 1/8-inches for use on all make cars. Popular 12-pt. broaching. Extra strong—made from chrome vanadium steel. Has many uses in general auto repair work.

9 AC 4423—Complete set..... **$3.95**

INDIVIDUAL SPARK PLUG SOCKETS

9 AC 4424—Above sockets sold separately. Available in seven sizes.

11/16 in.	55c	7/8 in.	75c
3/4 in.	60c	15/16 in.	85c
13/16 in.	65c	1-in.	89c
		1 1/8-in.	95c

UNIVERSAL JOINT

(D) Accurately machined from chrome vanadium steel. Chromium plated, rust resisting. Fits 1/2-in. drive end parts.

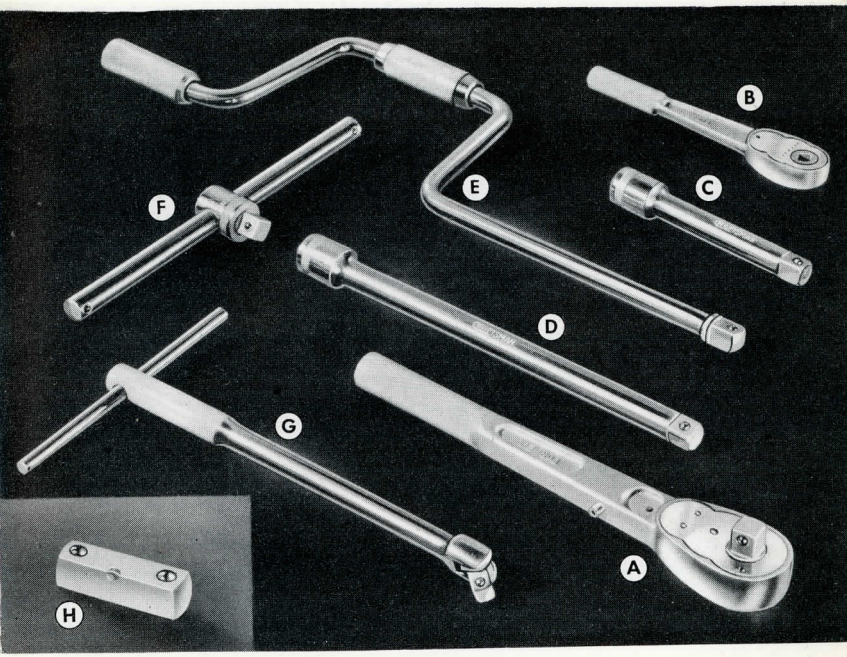
9 AC 4425..... **59c**

CRAFTSMAN

BUILD YOUR TOOL KIT, PIECE BY PIECE

½-INCH SQUARE DRIVE ATTACHMENTS

Buy a new CRAFTSMAN tool every week. In no time you'll have a set of CRAFTSMAN tools you'll be mighty proud to own.



REVERSIBLE RATCHET

(A) Action can be instantly reversed by a slight finger pressure on small lever. ½-inch drive. Chrome Vanadium steel, chromium finish. Finest made.
9 AC 4419 ..... **$2.45**

STANDARD RATCHET

(B) Non-reversible, yet very dependable and efficient on the job. Precision made.
9 AC 4417 ..... **$1.49**

EXTENSIONS

(C)(D) This tool makes it possible to reach those nuts that are located in difficult spots. Precision made for perfect fitting. Has male and female ends. Use with ratchet or other handles.
(C) **9 AC 4413**—5-inch (short) ..... **45c** (D) **9 AC 4414**—10-inch (long) **55c**

18-IN. SPEEDER WRENCH

(E) Its 18-inch length provides a full swing to give ample leverage. Knurled handle.
9 AC 4416 ..... **69c**

SLIDE BAR HANDLE

(F) This slide bar handle can be used for many purposes. Socket can be attached directly to the head, forming an individual Tee or "L" handled wrench.
9 AC 4415 ..... **85c**

FLEX "T" HANDLES

(G) May be used as an extension, an offset handle, a nut spinner or with the cross bar as a tee handle. Flexible head can be held at most any angle.
9 AC 4420—15-inch length ..... **$1.25** **9 AC 4420**—18-inch length **$1.40**

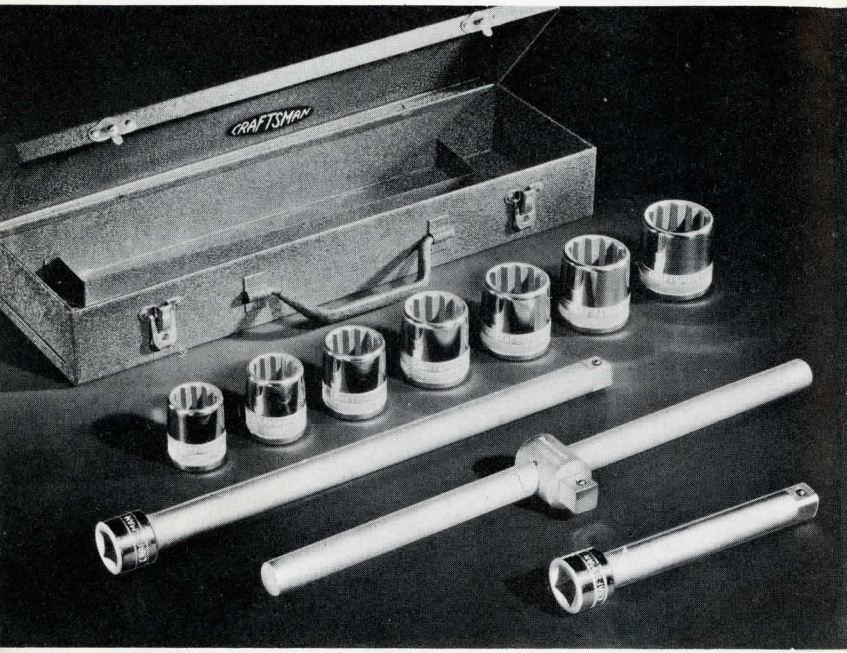
½-INCH ADAPTER

(H) For use with 9 AC 4417 standard ratchet. Carefully machined to assure a snug fit.
9 AC 4418 ..... **19c**

EXTRA RUGGED FOR TRUCK, TRACTOR AND BUS JOBS

10-PIECE SOCKET SET

A valuable addition to any garage or repair shop. Its extra brute strength construction makes it the ideal set for the larger bolts and nuts.



SEE THIS ¾ INCH SQUARE DRIVE SET

It Challenges Comparison in Quality, Workmanship and Price

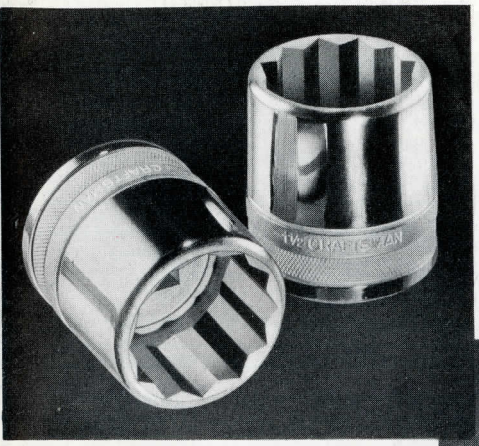
When planning and building this heavy duty ¾ inch square drive 10-pc. socket set, we kept in mind the tough jobs every mechanic is faced with from time to time. Working on heavy trucks, massive buses, tractors and even farm and road machinery; also heavy machinery in industrial plants. This set was designed especially to tackle these heavy duty jobs. Every tool has been heat treated and tempered for long life stamina under extreme strain and punishment. Every tool is highest quality steel, chrome plated to prevent rusting. Complete set is compact and easily carried from one job to another. This ¾-inch drive set consists of seven sockets (1 1/16 to 1 5/8-in.), 18-in. slide bar handle, 8 and 16-in. extensions. Heavy steel box.

9 AC 4440—10-Piece Set, complete..... **$9.95**

GET A BULLDOG GRIP WITH THESE ¾-IN. SQUARE DRIVE

SOCKETS AND ATTACHMENTS

Whether you buy CRAFTSMAN tools individually or by the set you buy only the finest in workmanship and quality at a one-third saving in price.

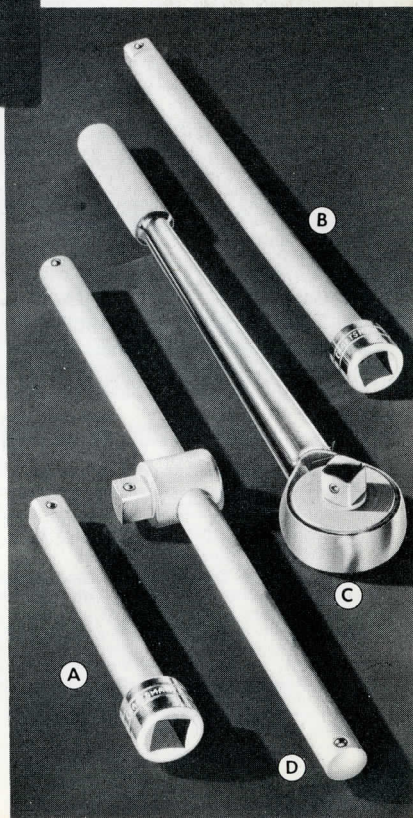


12-POINT HEX. SOCKETS

Heavy duty type, heat treated for added strength. Deep straight wall design. Chromium finish. Rust resisting.

9 AC 4444—12 sizes

Size	Price	Size	Price
1 1/16 in.	59c	1 5/8 in.	$1.10
1 1/8 in.	65c	1 11/16 in.	1.50
1 1/4 in.	79c	1 3/4 in.	1.60
1 3/8 in.	89c	1 13/16 in.	1.75
1 7/16 in.	95c	1 7/8 in.	1.85
1 1/2 in.	$1.05	2 in.	2.25



8-INCH EXTENSION

Ⓐ Forms an extra individual tool when used in connection with ratchet or other handles. Precision made to fit perfectly.

9 AC 4441 ..... **$1.10**

16-INCH EXTENSION

Ⓑ Its extra length makes it possible to reach those hard to get at, troublesome nuts. Saves time on the hard jobs.

9 AC 4442 ..... **$1.35**

REVERSIBLE RATCHET

Ⓒ This is an exceptionally handy tool which every mechanic needs. To reverse the action, simply press lever with thumb. The quality put into this tool makes it the most outstanding ratchet that has ever been made. ¾-in. square drive.

9 AC 4480 ..... **$7.50**

18-INCH SLIDE BAR

Ⓓ Forms a strong individual wrench when attached directly to the head of the tee handle. Its sliding handle permits many combinations.

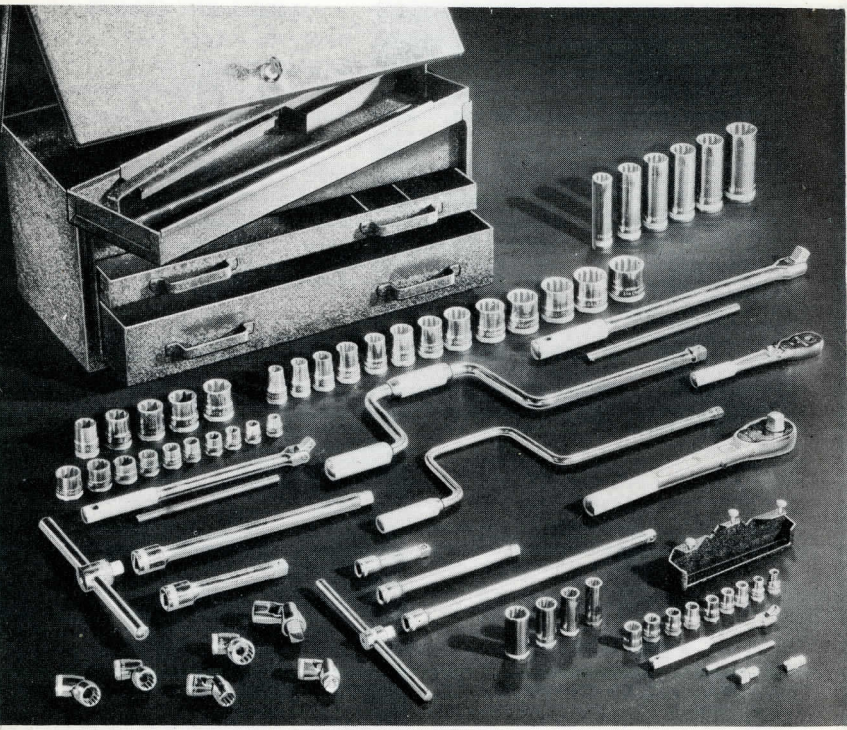
9 AC 4443 ..... **$1.75**

CRAFTSMAN

HERE'S COMPLETENESS AT AN UNHEARD OF LOW PRICE!

70-PIECE SOCKET WRENCH SET

Contains the right size and type wrench for every job. Every tool meets all U. S. Standard specifications. Guaranteed America's highest quality.



EVERY TOOL IS BACKED BY SEARS GUARANTEE

It's the equal of sets selling up to $75.00. Made of chrome vanadium steel. Heavily chrome plated—rust resisting. All sockets are extra thin wall type to fit close places. Clean broaching assure perfect fit. Heavy sheet steel chest with two deep drawers and tote tray. Handles on ends. Cylinder latch and two keys. Contents as follows:

1/4-in. Square Drive: Seven 12-pt. sockets (7/32 to 7/16-in.), two 8-pt. sockets (1/4 and 5/16-in.), and a 6-in. flex handle with 3-in. cross bar.

3/8-in. Square Drive: Seven 12-pt. sockets (3/8 to 3/4-in.), three 8-pt. sockets (1/4 to 3/8-in.), four extra deep 12-pt. sockets (7/16 to 5/8-in.), three extensions (3, 6 and 11 in.), 16-in. speeder wrench, slide bar handle, 6-in. reversible ratchet handle with 3/8 and 1/4-in. adapter, 10-in. flex "T" handle with 6-in. cross bar, universal joint.

1/2-in. Square Drive: Thirteen 12-point sockets (7/16 to 1 1/8-in.), five 8-pt. sockets (1/2 to 3/4-in.), 6 spark plug sockets (11/16 to 1 1/8-in.), universal socket, 5-in. short extension, 11-in. long extension, reversible ratchet, slide bar handle, 18-in. speeder wrench, 15-in. flex "T" handle with 8-in. cross bar.

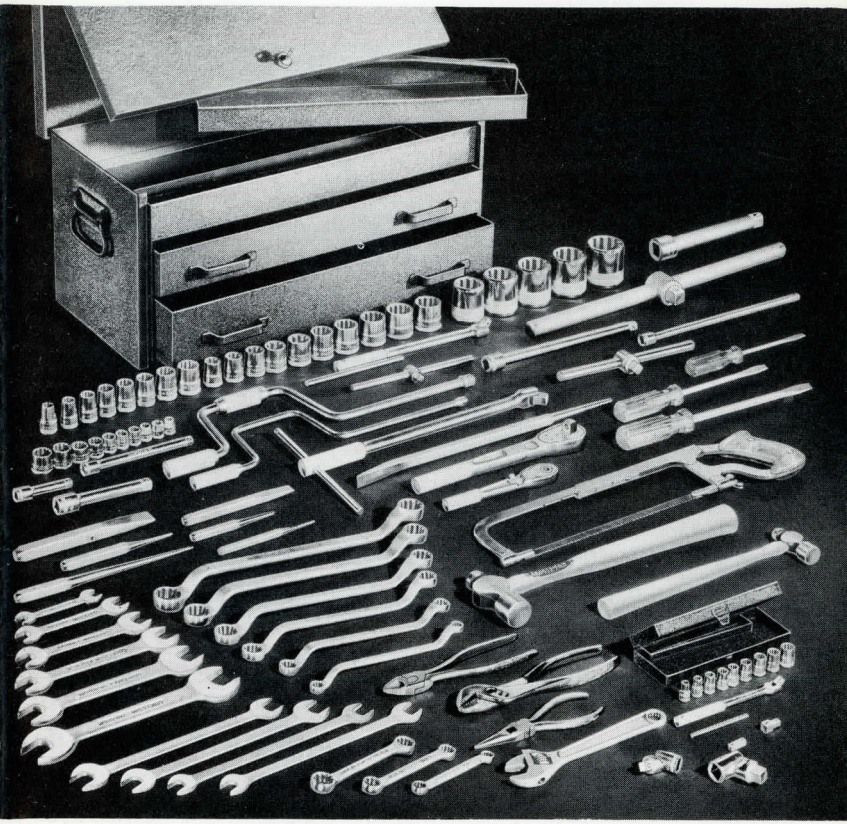
9 AC 4356—70-Piece Set, complete **$34.50**

CRAFTSMAN

THE FINEST, MOST COMPLETE SET MONEY CAN BUY!

100-PIECE MASTER SOCKET SET

The same high quality, the same completeness would cost you up to $100.00 elsewhere. It's a set any mechanic would be proud to own.



IT'S THE "BIG BUY" IN MECHANICS TOOLS

The wide range of sizes and special tools (¼, ⅜, ½ and ¾-in. drive) in this knockout of a set does not permit listing of every piece. We selected each piece only after thorough study to assure only the necessary tools and to avoid duplication. With this 100-piece master set on any job, it is possible for you to make an almost limitless number of combinations—quickly and easily. CRAFTSMAN high quality is built into every tool. This is your assurance of many years of dependable, lasting service. See this outstanding value at your Sears retail store—check its many superb chrome vanadium steel pieces. Complete set is in a handsome heavy sheet steel chest as illustrated. Plan to make this set yours—on Sears Easy Payment Plan.

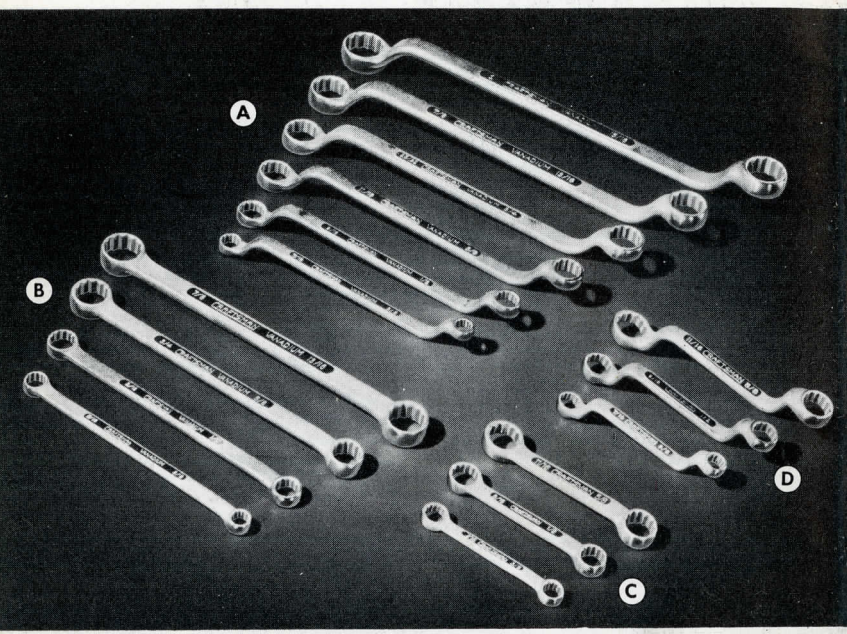
99 AC 4357—100-Piece Set, Complete **$49.50**

CRAFTSMAN

MECHANICS EVERYWHERE FAVOR THESE PATTERNS

BOX END WRENCHES

Designed to get places, where most wrenches can't. Special thin tapered heads, precision made to fit nuts tight. Guaranteed America's highest quality. Priced to save you money.



6-PIECE SET, 45° OFFSET LONG TYPE

Ⓐ Chrome vanadium steel, heat treated and tempered for strength. 12-pt. openings.
9 AC 4391—Set of 6 (1 each of first 6 sizes below) **$2.95**
9 AC 4392—INDIVIDUAL WRENCHES. Seven sizes.

Size	3/8–7/16	1/2–9/16	5/8–11/16	3/4–25/32	13/16–7/8	15/16–1	1 1/16–1 1/4
Price ea.	35c	45c	49c	55c	59c	69c	$1.45

4-PIECE SET, 10° ANGLE LONG TYPE

Ⓑ Highly polished, thin tapered heads. Fit tight and give direct pull on nut; won't slip.
9 AC 4389—Set of 4 (1 each of sizes below) **$1.69**
9 AC 4390—INDIVIDUAL WRENCHES. Four sizes.

Size	3/8–7/16	1/2–9/16	5/8–3/4	13/16–7/8
Price	35c	39c	49c	65c

3-PIECE SET, 15° SHORT TYPE

Ⓒ Double end, with six sizes of openings. 15-degree angle head gives hand clearance.
9 AC 4387—Set of 3 (1 of each size below) **95c**
9 AC 4388—INDIVIDUAL WRENCHES. Three sizes.

Size	3/8–7/16	1/2–9/16	5/8–11/16
Price	29c	35c	39c

3-PIECE SET, 45° OFFSET SHORT TYPE

Ⓓ Two sizes on each wrench. Popular type for close up work. Offset to clear obstructions. 12-point broaching to accurate size. Thin tapered heads. Sizes 3/8–7/16, 1/2–9/16, 5/8–11/16 in.
9 AC 4385—Set of three **95c**
9 AC 4386—INDIVIDUAL WRENCHES. Three sizes.

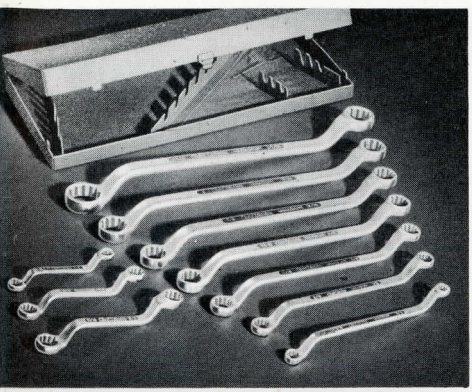
Size	3/8–7/16	1/2–9/16	5/8–11/16
Price	29c	35c	39c

CRAFTSMAN

THERE'S A CRAFTSMAN WRENCH FOR EVERY PURPOSE

WRENCH SETS

That challenge comparison in quality — workmanship—finish and price. They are guaranteed against breakage due to defects and workmanship.



10-PC. BOX END WRENCH SET

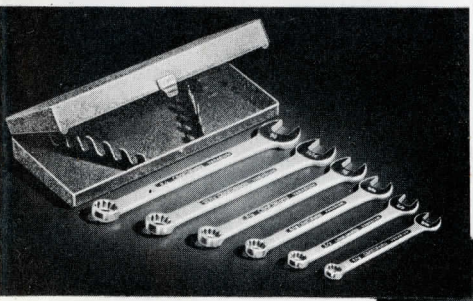
Thin, tapered, double head type. Chrome vanadium steel, chrome finish. Set consists of: 3 short end wrenches (3/8–7/16, 1/2–9/16, 5/8–11/16 in.) and 7 long end wrenches (3/8–7/16, 1/2–9/16, 5/8–11/16, 3/4–25/32, 13/16–7/8, 15/16–1, 1 1/16–1 1/4 in.). Blue crackle finished metal box with snap catch.

9 AC 4374—10-Pc. Set, complete..... **$5.75**

6-PC. COMBINATION (Box and Open End) WRENCH SET

CRAFTSMAN high quality. Strong, thin, light heads. Open end and box end have same size openings on each end. Box end is 15 degrees offset; open end 15 degree angle Set includes: one each of wrenches listed below, in metal box.

9 AC 4463—6-Pc. Set, complete..... **$2.45**



INDIVIDUAL WRENCHES

9 AC 4469—Six sizes

Size	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"
Price	29c	35c	39c	45c	49c	55c

STARTER AND MANIFOLD WRENCH

Ⓐ 5/8 and 9/16-in. openings. **28 AC 6216**..... **55c**

BATTERY TERMINAL WRENCH

Ⓑ Openings 5/8 and 9/16-inch. **28 AC 7109**..... **29c**

MAIN BEARING WRENCH

Ⓒ For Chevrolet 6 '32 and earlier. 5/8 and 3/4-in. 12-point. **28AC 6218**..... **89c**

For Chevrolet 1933–36, Chrysler, Dodge, 6 and 8-cyl. 11/16 and 3/4-in. openings. **28 AC 6224**..... **85c**

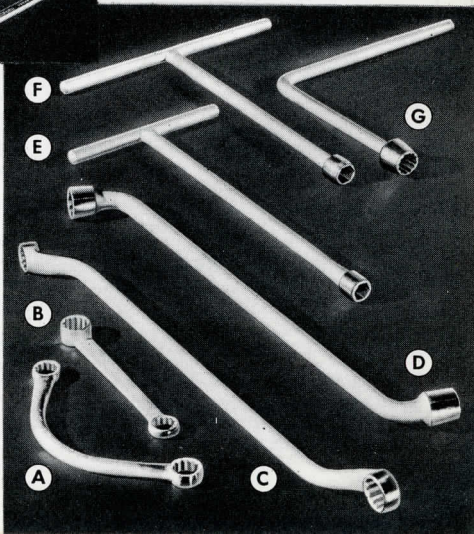
Ⓓ For A, B, and V8 Fords. 9/16-in. 8-point opening on one end; 3/4-in. 12-point on other end **28 AC 6223**..... **69c**

"T" HANDLE WRENCH

Ⓔ For oil pan nuts, etc. 1/2-in. hex. socket. **28 AC 6221**..... **39c**

Ⓕ **CONNECTING ROD WRENCH** **28 AC 6204**—Ford "V-8." **39c**

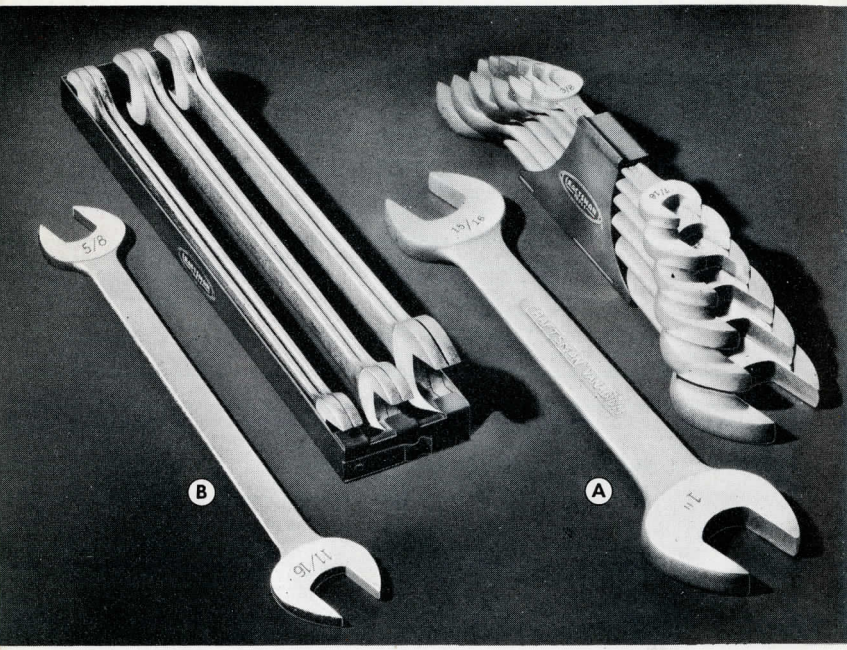
Ⓖ **28 AC 6205**—Model "A." Twin hex.12 point..... **39c**



NEW DESIGN—NO SHARP EDGES—EASIER TO GRIP

OPEN END WRENCH SETS

Every CRAFTSMAN wrench is finished with a special process which entirely eliminates sharp edges—cannot bruise the hand



6-PIECE TAPPET WRENCH SET

Ⓑ CRAFTSMAN high quality in every wrench. Thin pear shaped heads. Chrome vanadium steel—heat treated—extra strong. Chromium plated popular 10-inch length. Smooth finished, easy gripping handles. Set of 6. Two each, of sizes listed below. In handy steel box.

9 AC 4446—Set of six..... **$2.35**

4-PIECE TAPPET WRENCH SET

Two each, sizes ½–9/16, and 5/8–11/16 inch. In handy metal clip.

9 AC 4445—Set of four..... **$1.65**

INDIVIDUAL TAPPET WRENCHES

9 AC 4447—Six sizes

Size	7/16–17/32	½–9/16	5/8–11/16
Price	35c	39c	49c

6-PIECE OPEN END WRENCH SET

Ⓐ Super thin pear shaped heads. Finest drop forged chrome vanadium steel, heavily chromium plated. Accurately milled jaws for a perfect fit. Set of 6 (sizes ⅜ to 1 in.). In handy metal clip.

9 AC 4454—Set of six..... **$2.25**

8-PIECE OPEN END WRENCH SET

One each of sizes below ¼ to 1-inch. In handy metal clip.

9 AC 4456—Set of eight..... **$2.95**

INDIVIDUAL WRENCHES

9 AC 4458—Eight sizes.

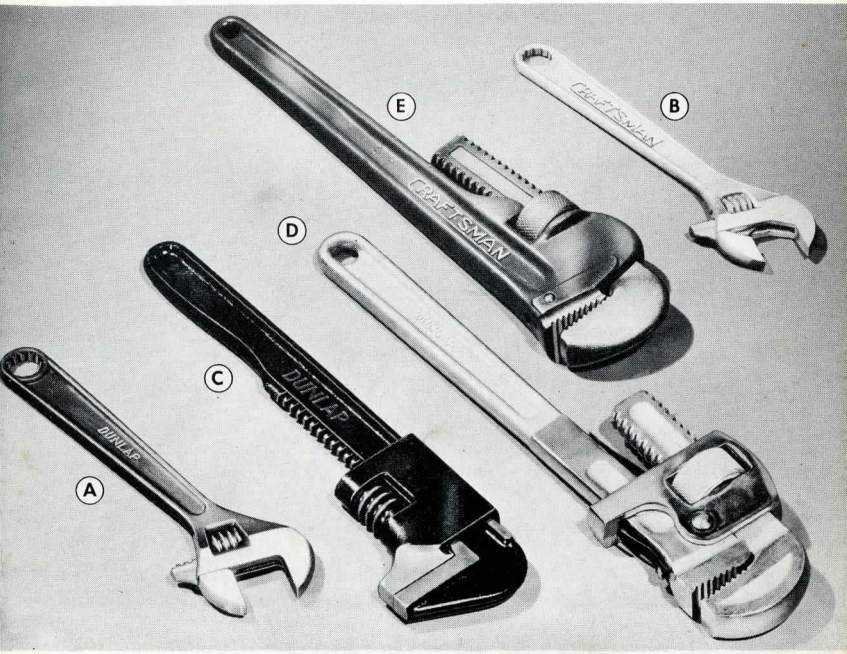
Size	¼–5/16	3/8–7/16	½–9/16	19/32–11/16
Price	21c	25c	29c	35c

Size	5/8–¾	¾–13/16	25/32–⅞	15/16–1
Price	45c	55c	59c	65c

BUILT TO PASS THE U. S. NAVY SPECIFICATIONS

ADJUSTABLE END WRENCHES

In making these wrenches, we aimed at an all time high in quality regardless of cost. Large production makes *Craftsman* low prices possible



DUNLAP ADJUSTABLE WRENCH

Ⓐ At its low price, this wrench is a standout. Made from drop forged steel, oil tempered by special process. 12-point box wrench in handle.

9 AC 4468—Six sizes

Sizes	4″	6″	8″	10″	12″	16″
Price	35c	39c	49c	75c	95c	$1.65

CRAFTSMAN ADJUSTABLE WRENCH

Ⓑ Its thin tapered jaws are 40% thinner, yet 200% stronger than ordinary wrenches. Unbreakable handle; 12-point box wrench broached in end.

9 AC 4470—Five sizes

Sizes	4	6	8	10	12
Price	55c	65c	75c	95c	$1.49

11-IN. DUNLAP ADJUSTABLE WRENCH

Ⓒ Jaws open 3-in. Ideal for auto mechanics and plumbers. Drop forged from high carbon steel. Black finish with polished jaws.

9 AC 4453 ..... **59c**

DUNLAP PIPE WRENCH

Ⓓ Tempered, drop forged steel jaws with bull dog grip. Rust resisting, nickel plated finish.

9 AC 5570—Five sizes.

Size	8″	10″	14″	18″	24″
Takes Pipe	¾″	1″	1½″	2″	2½″
Price	55c	75c	95c	$1.39	$2.45

CRAFTSMAN PIPE WRENCH

Ⓔ The choice of master plumbers and steamfitters. Guaranteed unbreakable. Exceeds twice the load required by the U. S. Navy and Federal Pipe Wrench specifications. Frame housing and handle are *one piece* construction for extra strength. Jaws are tough alloy steel with machine cut teeth —won't slip, crush or lock. Both jaws replaceable.

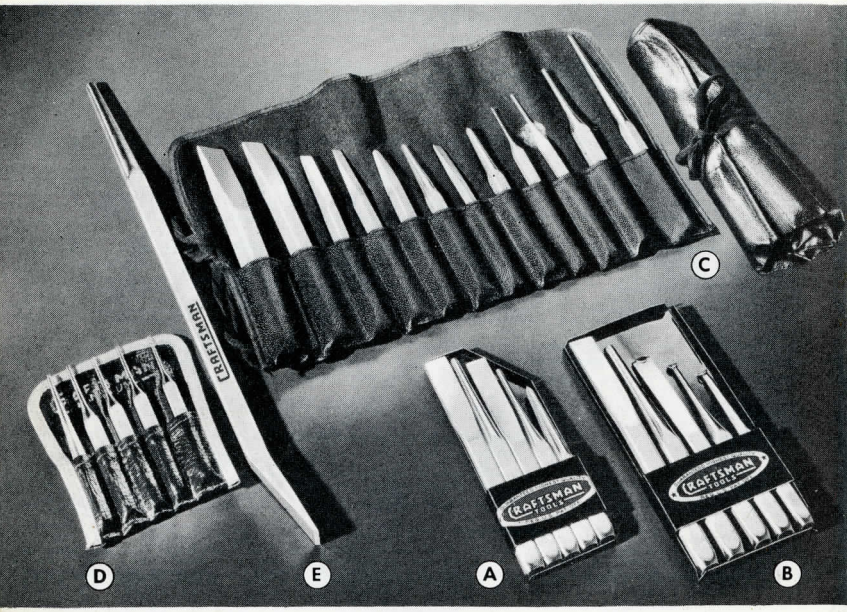
9 AC 5562—Seven sizes

Sizes	6″	8″	10″	14″	18″	24″	36″
Takes Pipe	½″	¾″	1″	1½″	2″	2½″	3½″
Price	55c	85c	98c	$1.45	$1.98	$3.25	$6.95

MADE TO STAND SEVERE STRAIN AND HARD USE

PUNCH AND CHISEL SETS

America's highest quality—toughest made. Chrome vanadium steel. Hand forged. Chromium plated square stock. Electric furnace quality



5-PIECE PUNCH AND CHISEL SET

(A) As compact as it is handy. Set consists of 2 chisels (7/16 and 5/8 in.), center punch and 2 solid punches (1/8 and 3/16 in.). In handy metal clip.

9 AC 4307—Complete set..... **89c**

5-PIECE PUNCH AND CHISEL SET

(B) Heavy duty tools built to "take it." Set contains 2 chisels (1/2 and 5/8 in.), center punch, 5/32-in. pin punch and 1/2-in. solid punch. In metal clip.

9 AC 4302—Complete set..... **$1.15**

12-PIECE SUPER PUNCH AND CHISEL SET

(C) Here's completeness at a low price. A set for the master mechanic. Set consists of three cold chisels (1/4, 5/8 and 3/4-in.), 5/16-in. cape chisel, 3/8-in. round nose cape chisel, 3/8-in. diamond point chisel, 3/8-in. center punch, 3/8-in. solid punch, three pin punches (7/32, 3/32, 5/32-in.) and a 3/8x7-in. drift punch. In leatherette kit.

9 AC 4303—Complete set..... **$3.49**

5-PIECE PIN PUNCH SET

(D) CRAFTSMAN high quality. Set includes 1/32, 1/16, 5/64 and 3/32-inch pin punches and 1/16 in. drift punch. All 4 1/2-in. long. Complete in blue leatherette case.

9 AC 4285—Complete set..... **89c**

16-INCH PRY BAR

(E) Toughest made. Chrome Vanadium steel, heavily chrome plated. Tempered for extra strength. 1/2-inch bevel square stock. 16-in. length.

9 AC 4283..... **79c**

ALL TYPES AND SIZES FOR YOUR EVERY NEED

PUNCHES AND CHISELS

Every one is chrome vanadium steel, chromium plated. Guaranteed America's highest quality. Carefully tempered to assure hardness, long life and lasting satisfaction

Ⓐ LINING-UP PUNCH

9 AC 4290—Two sizes **45c**
½x 9 in. 59c
⅝x12 in. 59c

Ⓑ EXTRA LONG COLD CHISEL

Octagon shape. Tempered for hardness.

9 AC 4299—Two sizes **45c**
⅝x12 in. 45c
¾x12 in. 55c

Ⓒ PRICK PUNCH

Finest quality money can buy.

9 AC 4284—Two sizes **23c**
⅜x4½ in. 23c
½x6 in. 29c

Ⓓ FINEST COLD CHISELS

Vanadium steel, chromium plated. Strongest made. Square stock.

9 AC 4297—Five sizes

Size	¼"	½"	⅝"	¾"	⅞"
Price	25c	29c	39c	49c	65c

Ⓔ CAPE CHISEL

¼-inch. Square stock. CRAFTSMAN high quality.

9 AC 4312 ..... **35c**

Ⓕ SOLID MACHINE PUNCHES

Needed on many jobs.

9 AC 4314—Two sizes

Size	⅜x4¼"	½x6"
Price	23c	29c

Ⓖ QUALITY PIN PUNCHES

Tough chrome vanadium steel, heavily chromium plated. Square stock.

9 AC 4288—Five sizes

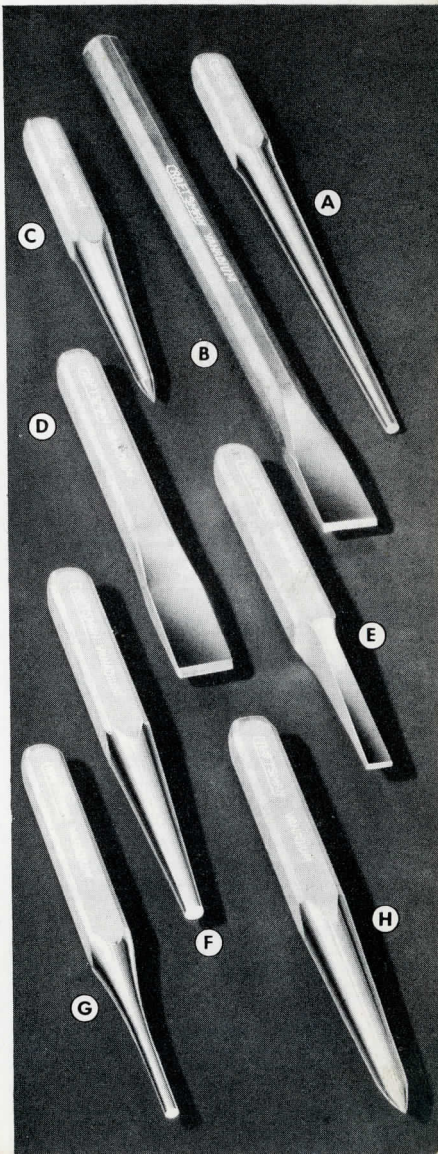
Size	3/32"	4/32"	5/32"	6/32"	8/32"
Price	23c	25c	25c	29c	29c

Ⓗ CENTER PUNCH

Precision made to guarantee satisfaction.

9 AC 4286—Two sizes

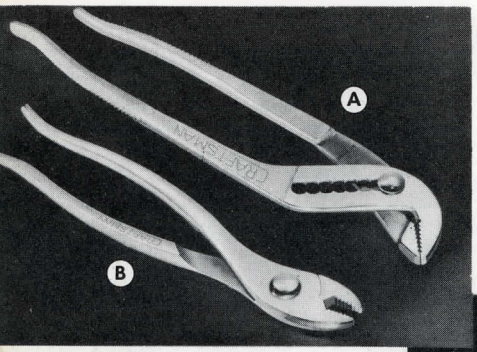
Size	⅜"	½"
Price	23c	29c



FOR SPEEDY WORK, LONG LIFE AND ACCURACY

SLIP JOINT PLIERS

Designed for perfect balance. Accurately made from finest materials to assure a bulldog grip on any job. Every one a money saver.



WATER PUMP PLIERS

Ⓐ CRAFTSMAN quality—finest money can buy. Alloy steel—toughest made. Finest workmanship. Length, 9 inches.
9 AC 4476 ..... **85c**

BATTERY PLIERS

Ⓑ Its CRAFTSMAN construction makes it tops in quality. Alloy steel, nickel plated. Length, 8 inches. A real buy.
9 AC 4492 ..... **98c**

SLIP JOINT SIDE CUTTERS

Ⓒ DUNLAP quality. Alloy steel, nickel plated polished finish.
9 AC 4489—6-inch length **45c**

SLIP JOINT PLIERS

Ⓓ DUNLAP quality. Drop forged alloy steel, nickel plated. Knurled handles. Powerful milled jaws.
9 AC 4491—Three sizes.

Size	6-inch	8-inch	10-inch
Price	35c	45c	55c

WATER PUMP PLIERS

Ⓔ DUNLAP quality construction. Adjustable to 6 positions. Rust resisting finish.
9 AC 4482—9-inch length **49c**

DUNLAP BATTERY PLIERS

Ⓕ Drop forged of special alloy steel. Jaws set at 40°.
9 AC 4477—8-inch length **45c**

THIN NOSE SLIP JOINT

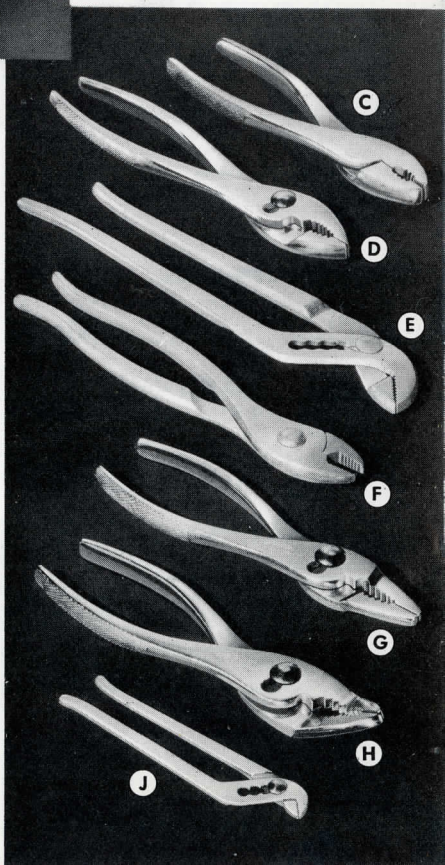
Ⓖ Has many uses—especially on tight, cramped jobs. Knurled handle.
9 AC 4493—6-inch length **35c**

THIN BENT NOSE PLIERS

Ⓗ Another DUNLAP quality tool. Strong alloy steel. Highly nickel plated and polished.
9 AC 4494—7-inch length **35c**

DUNLAP IGNITION PLIERS

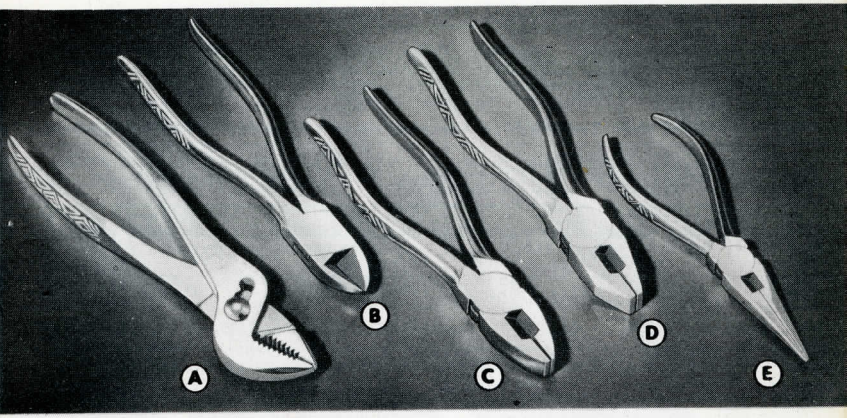
Ⓙ Makes magneto jobs easier. Thin nosed—extra tough.
9 AC 4509—4½-inch length **45c**



THEY'RE GUARANTEED! THEY'LL SAVE YOU MONEY!

QUALITY PLIERS

The choice of mechanics everywhere. Drop forged from tough chrome vanadium steel. Attractive knurled handles. Guaranteed America's highest quality.



8-INCH UNIVERSAL PLIER

Ⓐ A very popular mechanics' plier. Slip joint type combination plier and wrench. Milled jaws—powerful pipe-wrench grip. Highly polished nickel plated finish. Has three adjustments. Length, 8 inches.
9 AC 4528 ..... **$1.15**

DIAGONAL CUTTING PLIERS

Ⓑ Hand-honed cutting jaws—highly polished. Perfect fitting joints, open and close freely. Its tough chrome vanadium steel construction assures long wear and service. Knurled handle makes gripping easy and comfortable.
9 AC 4506—6-inch length..... **$1.39**
7-inch length..... $1.65

ELECTRICIANS' PLIERS

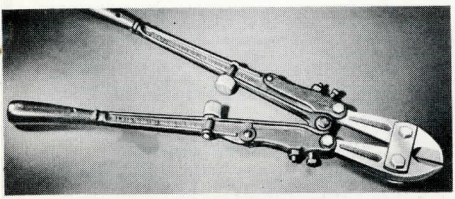
Ⓒ Side cutting. Milled jaws, hand-honed for clean cutting.
9 AC 4516—7-inch length..... **$1.35**

LINEMAN'S PLIERS

Ⓓ Extra heavy for hard use. Honed side cutting jaws. Easy grip. Attractive knurled handles.
9 AC 4518—7-inch length..... **$1.49**
8-inch length..... $1.75

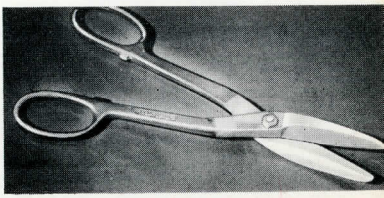
LONG NOSE PLIERS

Ⓔ Side cutting. Perfectly tempered, slender long nose. Milled jaws. Perfectly fitted joints. 6 inches long.
9 AC 4499 ..... **$1.10**



QUALITY BOLT CUTTERS

Forged tool steel jaws. Black enameled malleable iron handles. Compound leverage for easy cutting.
9 AC 6525—18-inch length..... **$2.79**
9 AC 6526—24-inch length..... $3.98



CRAFTSMAN DUCKBILL TINNERS' SNIPS

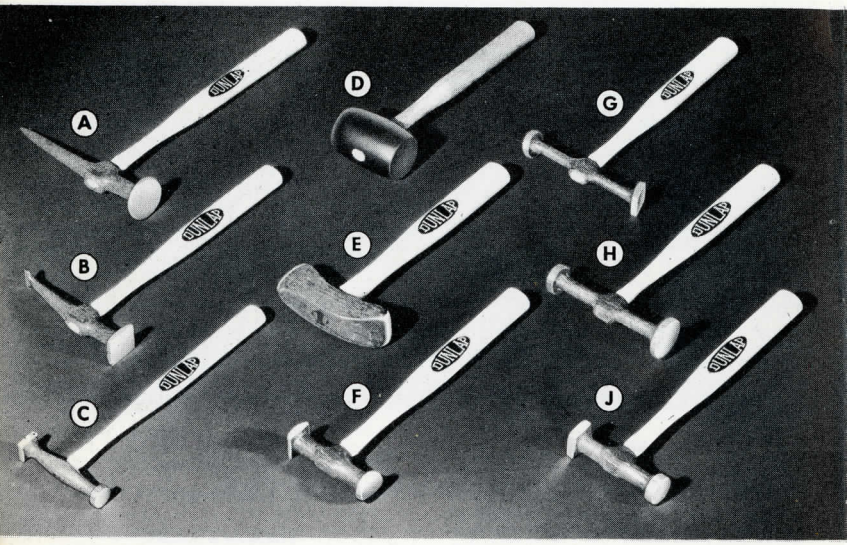
Cuts straight, circular or irregular shapes.
9 AC 4546—Three sizes.

Length	7 inches	10 inches	12 inches
Cut.....	2 inches	2½ inches	3 inches
Price.....	85c	$1.10	$1.35

EARN MORE, DO A BETTER JOB WITH THESE MODERN

BODY AND FENDER HAMMERS

Scientifically designed. Drop forged steel carefully heat treated. Strong white hickory handles. These hammers assure your reach, leverage and perfect dent control.



PECKING HAMMER

(A) For finishing off dents. Round face, 1⅞ in. offset. Pein, 5 in. Weight, 15 oz. White hickory handle.

9 AC 4557 ..... **$1.10**

BEAD AND MOULDING HAMMER

(B) Use on dented beads and mouldings. Square face, 1¼-in. offset. 3-in. pein. Weight, 10 oz. White hickory handle.

9 AC 4556 ..... **$1.00**

FINISHING HAMMER

(C) Round face, ¾ x 3/16-in. Square face, ⅞ x 3/16-in. Drop forged. Weight, 5 oz. White hickory handle.

9 AC 4554 ..... **75c**

RUBBER MALLET

(D) Solid 12-oz. composition head. Will not flare, chip or become spongy. Oil and waterproof. 10-inch strong wooden handle.

28 AC 30144 ..... **79c**

2½-LB. BUMP HAMMER

(E) Use on severe fender, roof or body dents. Cross pein, 1⅝ x ¾ in. Straight pein, 1⅞ x ⅞ in. Finest quality.

9 AC 4575 ..... **$1.65**

ROOF FLARE AND BEAD HAMMER

(F) Designed for pounding out dents in moulding on bead. Flare face, 1⅛ x 1 in. Bead face, 1⅛ x 1⅜ in. A very useful tool. 10-oz. weight.

9 AC 4555 ..... **95c**

OFFSET HAMMER

(G) Use on dents in "V" crowned surfaces or when close to wheel housing or body. Square face, 1¼ x 3/16 in. Round face, 1 1/16 x 3/16 in. Weight, 11 oz.

9 AC 4558 ..... **95c**

DING HAMMERS

(H) 10-oz. size. For fender, bracket post, cross bow and crown dents. Large round face, 1¼ x 3/16 in. Small round face, 1 1/16 x 3/16 in.

9 AC 4552 ..... **95c**

13-oz. size. Large face 1¾ x 3/16 in. Small face, 1¼ x ¼ in.

9 AC 4553 ..... **95c**

10-OZ. BUMPING HAMMER

(J) Specially designed for fender dents. Light pattern. Square face, 1⅛ x 3/16 in. Round face, 1⅛ x 3/16 in. Weight, 10 oz.

9 AC 4550 ..... **75c**

14-OZ. BUMPING HAMMER

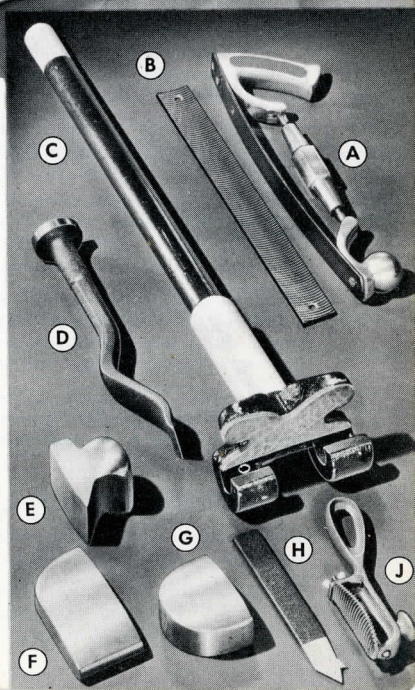
Square face, 1¼ x 3/16 in. Round face, 1¼ x 3/16 in. Weight, 14 oz.

9 AC 4551 ..... **85c**

EVERY GARAGE, REPAIR SHOP NEEDS THESE QUALITY

BODY AND FENDER TOOLS

Repairing today's modern cars demands modern repair tools to reach the hard-to-get-at places. These tools are designed to do this job, easier and faster.



11-PC. BODY AND FENDER SET
Every tool is made from the finest materials scientifically tested and treated to insure correct hardness and ability to stand hard wear.
9 AC 4574— 11-Pc. Set..... **$12.95**

ADJUSTABLE FILE HOLDER
(A) All aluminum. Uses 12 to 14-in. files. Easily adjusted.
9 AC 4572..... **$2.75**

14-INCH VIXEN BODY FILE
(B) Machined milled teeth. Alloy steel.
9 AC 4576..... **$2.15**
Keen Cut File. General use. 14-inch.
9 AC 4573..... **98c**

DOUBLE FULCRUM STRAIGHTENER
(C) Use on fenders, bumpers, etc. Leather pad prevents scratching.
9 AC 4571..... **$3.95**

FLARE, DRIP MOULDING ALIGNER
(D) 9 AC 4567—Controlled alloy.. **$1.35**

2½-LB. UNIVERSAL DOLLY
(E) 9 AC 4570—Size, 3x2½x2¼ inches **75c**

2½-LB. TOE DOLLY
(F) 9 AC 4568—Size, 2⅜x3¼x1½ inch. **65c**

2¾-LB. HEEL DOLLY
(G) 9 AC 4569—Size, 4¾x2⅜x1 inch. **65c**

PANEL SLITTING CHISEL
(H) 9 AC 4566—Polished tip and hook. **75c**

REVEAL FILE HOLDER
(J) 9 AC 4577—With file..... **$1.50**

FILE ONLY
9 AC 4578—Flat round corner..... **50c**

Timely Tips ON HOW TO MAKE

1 Crown dents are levered out with Offset 4559 & Spoon 4564 attached to Bar 4560. Use roof rail as fulcrum point. Finish with Hammers 4552 or 4556 & Dolly 4565.

2 Dents over cross bows, brackets, posts lever out with Offset 4559 & Spoons 4563 or 4564 attached to bar 4560. Finish dents with Hammers 4552, 4551 or 4557.

3 Dents in roof flare or along door panel edges or roof edges use Aligner 4567. Designed to pry or use with hammer. To straighten drip molding use 4567 and Hammer 4551. Finish flare dents with Hammer 4555.

4 On window relief dents use Dolly 4561. Dents on "V" crowned surfaces use 4561 as a hand dolly. If reach is required attach to Bar 4560. For finishing use Hammer 4554.

5 Severe fender, roof or body dents should be roughed out with Hammer 4575. With short handle and straight and cross pein it is possible to contact practically all surfaces.

6 Dents in door panels, cowl panels, cowl body can frequently be levered out by using Offset 4559 & Spoons 4563, 4564 or 4562 attached to Bar 4560.

7 Dented beads and mouldings are worked out with Hammers 4556, narrow beads; 4555, wide beads. In most cases finish with Dolly 4561 & Hammer 4556, the square face being particularly adaptable in following flush to bead or moulding.

8 Rear aprons and trunk lids are difficult to work. Offset 4559 & Spoon 4564 attached to Bar 4560 give contact and leverage needed. In some cases use Spoon 4564, 4563, or 4562 attached to Bar 4560.

9 Dents in deep skirted fenders and particularly deep skirted tire wells use Dolly 4561 attached to Bar 4560. Use wing face of dolly on skirt. Curved face in wells. Hammers used are 4557, 4553 or 4552.

10 Damaged rolled edges of fenders are worked out with Dolly 4565 using Hammer 4550 or 4551. Dolly 4565 fits fender crowns perfectly. When working deep skirts attach to Bar 4560.

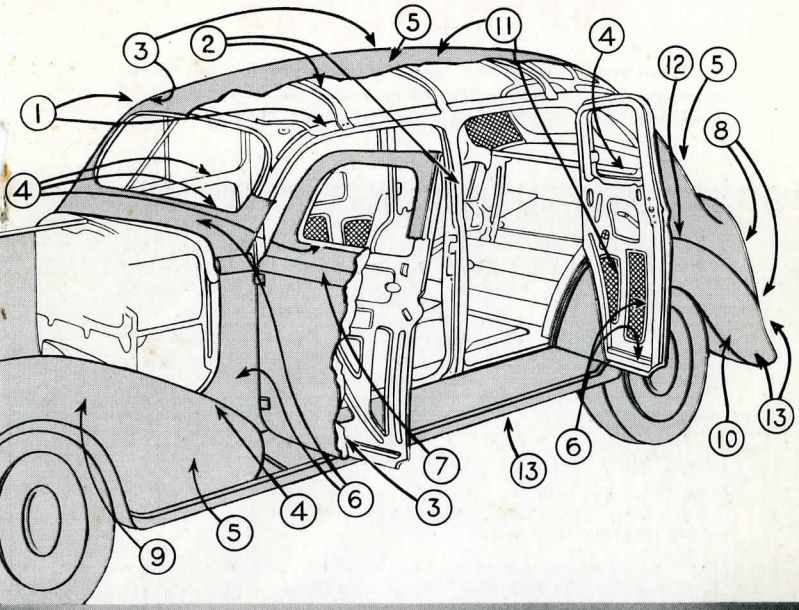
11 When portion of roof or panel is to be removed use Panel Slitting Chisel 4566 with Hammer 4551. Insert hole with wedge tip of chisel, then with hook or cutter inserted slit out metal by striking end with hammer. Will cut straight, circular or flush to bead.

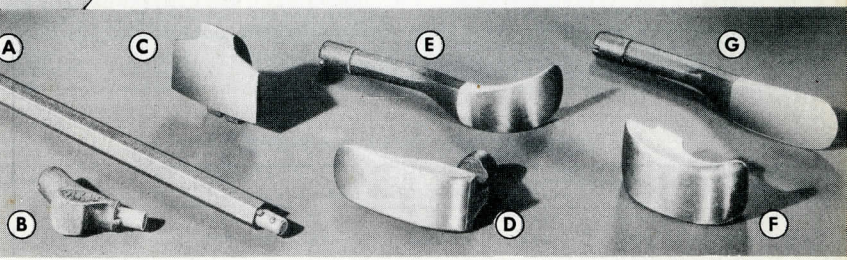
12 Dents in "V" crowned surfaces or when close to wheelhousing or body, an offset hammer is used. 4558 serves this purpose. Dolly 4561 is the right type for working out "V" crowned surfaces.

13 To cold straighten bumpers, brackets, fenders, powerful leverage is needed. 4571, twin hook, double fulcrum straightener with detachable 20-inch seamless tube handle will do these jobs easily and quickly. Designed for both light and heavy leverage.

No fender tool line is complete without the standard toe, heel, rail dolly. These types are available and can be purchased under Nos. 4568, 4569, 4570 respectively.

BODY AND FENDER REPAIRING EASY!





BODY AND FENDER TOOLS

Necessary in repairing latest model cars

16-IN. HEX. LEVER BAR

Ⓐ For extra reach. Attaches to dollys and spoons and offset attachment.
9 AC 4560 ..... **$1.15**

OFFSET ATTACHMENT

Ⓑ Provides correct angle contact. Attaches to lever bar and other fender tools.
9 AC 4559 ..... **95c**

WINDOW, WELL, SKIRT DOLLY

Ⓒ Slotted socket. Polished faces.
9 AC 4561 ..... **$1.45**

HEAVY DUTY WEDGE SPOON

Ⓓ Slotted socket. Controlled alloy. Polished faces.
9 AC 4562 ..... **$1.45**

HEAVY DUTY CURVED SPOON

Ⓔ A handy tool. Slotted socket. Polished faces.
9 AC 4564 ..... **$1.45**

TURRET-TOP, FENDER, BEAD DOLLY

Ⓕ Slotted socket. Polished faces.
9 AC 4565 ..... **$1.75**

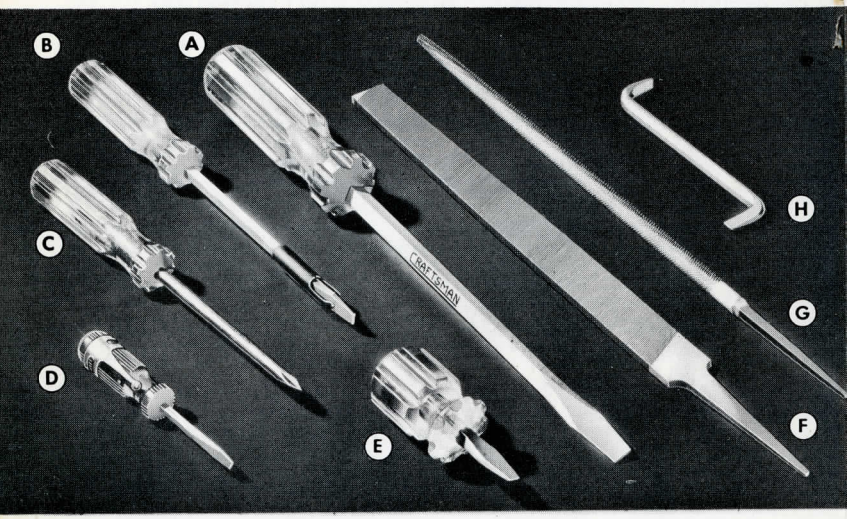
HEAVY DUTY PANEL SPOON

Ⓖ With slotted socket. Controlled alloy Polished faces.
9 AC 4563 ..... **$1.25**

BUY ONLY GUARANTEED AMERICA'S HIGHEST QUALITY

SCREWDRIVERS

See the new CRAFTSMAN line featuring handsome amber handles—transparent, unbreakable and shockproof. Chrome vanadium steel blades, chromium plated. Built for abuse.



CRAFTSMAN AMBER HANDLE SCREWDRIVER

Ⓐ Guaranteed unbreakable. Finest long wearing hard chrome vanadium steel—chromium plated, rust resisting.

9 AC 4148—Six sizes

Size	3/16x4½"	3/16x9"	¼x4"	¼x6"	¼x12"	5/16x8"
Price	39c	49c	49c	59c	65c	79c

DUNLAP SCREW HOLDING STYLE

Ⓑ Amber handles. Chrome vanadium square shanks. Chromium plated.

9 AC 4112—3 sizes

Size	⅛x2½"	5/32x5"	5/32x7"
Price	29c	49c	59c

DUNLAP "PHILLIPS" STYLE

Ⓒ Polished vanadium steel blade, hardened and tempered. To fit "Phillips" recessed screws. Amber handles.

9 AC 4129—Three sizes

Size	#1—3"	#2—4"	#3—6"
Price	65c	75c	95c

CRAFTSMAN POCKET CLIP

Ⓓ Vanadium steel blade, ⅛x2 in. Amber handle with pocket clip.

9 AC 4142..... **19c**

CRAFTSMAN STUB

Ⓔ Unbreakable amber handle. 1½-in. vanadium steel blade.

9 AC 4131..... **29c**

CRAFTSMAN MILL FILES

Ⓕ Special analysis steel, hardened and tempered. Cut faster—last longer. Individually tested.

9 AC 6764—4 sizes

Sizes	6"	8"	10"	12"
Prices	15c	18c	25c	33c

CRAFTSMAN ROUND FILES

Ⓖ Special analysis steel. Medium fine teeth.

9 AC 6760—4 sizes

Sizes	4"	6"	8"	10"
Prices	13c	16c	19c	25c

DUNLAP OFFSET SCREWDRIVERS

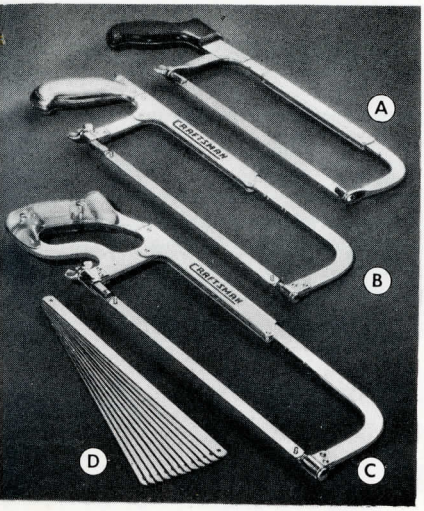
Ⓗ Every mechanic needs one. Tempered steel. Makes hard-to-get-at screws easy to reach.

9 AC 4120..... **23c**

STRONG, HEAVY, ADJUSTABLE, SHOCK-PROOF

PISTOL GRIP HACK SAWS

Built to stand hard work. Heavy reinforced frames. Adjustable blades can be turned in four directions best suited for the job.



DUNLAP HACK SAW

Ⓐ Shock proof rubber pistol grip. Rust proof nickel plated reinforced frame. Adjustable 8 to 12 inches.
9 AC 3550 ..... **55c**

CRAFTSMAN DOUBLE STRENGTH

Ⓑ Reinforced back extends through handle. Metal pistol grip. Heavily nickel plated. Adjustable 8 to 12 inches.
9 AC 3556 ..... **98c**

CRAFTSMAN MASTER GRIP

Ⓒ Extra heavy, polished nickel plated frame. Attractive, unbreakable amber handle. Easy grip. Adjustable 8 to 12 inches. Highest quality.
9 AC 3558 ..... **$1.75**

CRAFTSMAN HACKSAW BLADES

Ⓓ Tungsten alloy steel. New scientific heat treatment gives these blades the durability of an all hard blade, yet the break resisting qualities of a flexible blade.

9 AC 6584	9 AC 6585	9 AC 6586
18 Teeth—for iron pipe steel, angle iron	24 Teeth—for brass copper tubing, sheet metal	32 Teeth—for thin tubing and thin sheet metal
8 in.—**48c** Doz.	8 in.—**48c** Doz.	8 in.—**48c** Doz.
10 in.—**59c** Doz.	10 in.—**59c** Doz.	10 in.—**59c** Doz.
12 in.—**69c** Doz.	12 in.—**69c** Doz.	12 in.—**69c** Doz.

HAND AND BREAST DRILLS

If you appreciate tools of quality that are made right and guaranteed, then buy Craftsman tools, America's highest quality.

DUNLAP HAND DRILL

Ⓐ Screw top handle with 8 bits 1/16-in. to 11/64-in., 3-jaw chuck takes drills up to 1/4-in.
9 AC 4228 ..... **98c**

CRAFTSMAN HAND AND BREAST DRILL

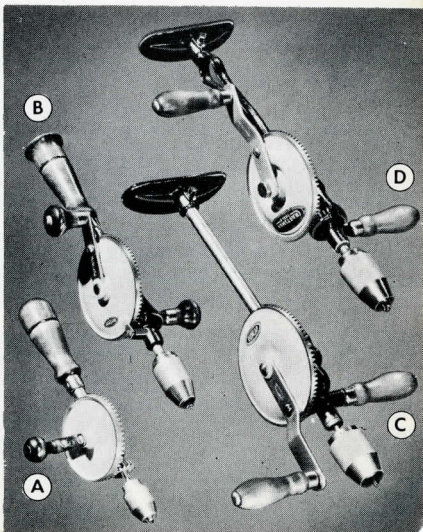
Ⓑ For wood or metal. Machine cut gears. 3-jaw chuck. Hollow handle for drills. Takes straight shank drills up to 3/8-in.
9 AC 4233 ..... **$2.75**

DUNLAP BREAST DRILL

Ⓒ Ball-bearing. 3-jaw chuck. Machine cut gears; two-speed, handy shift gear. Takes straight shank drills up to 1/2 in.
9 AC 4239 ..... **$2.75**

CRAFTSMAN BREAST DRILL

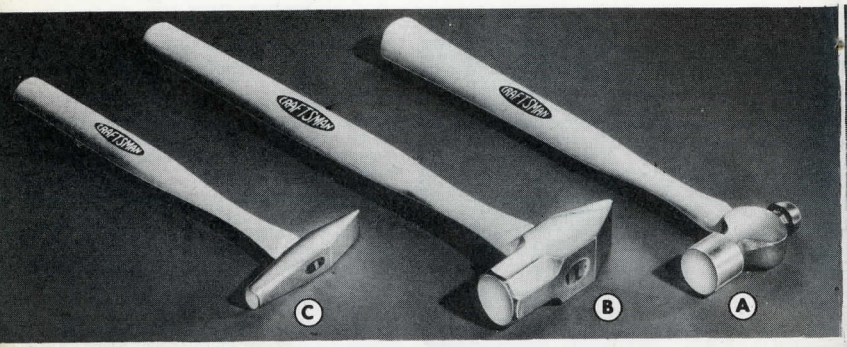
Ⓓ America's highest quality. Ball bearing. 3-jaw chuck. Two speeds with improved gear shift. Takes straight shank drills up to 1/2 in.
9 AC 4242 ..... **$4.25**



BUY ONLY GUARANTEED AMERICA'S HIGHEST QUALITY

CRAFTSMAN HAMMERS

Make Every Blow Count. Made from high quality forged steel, properly tempered. Full polished heads. Seasoned white hickory handles, firmly wedged.



CRAFTSMAN BALL PEIN HAMMERS

Ⓐ **9 AC 3824**—Correct design and balance—highly polished. Six sizes.

Size	000	00	0	1	2	4
Weight	½-lb.	¾-lb.	1-lb.	1¼-lb.	1½-lb.	2 lbs.
Price	59c	65c	75c	85c	95c	$1.15

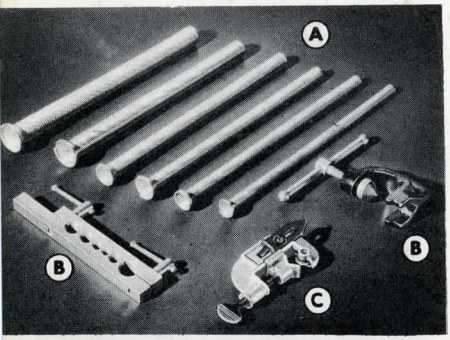
CRAFTSMAN ENGINEERS' HAMMERS

Ⓑ Forged tool steel. Double wedged, white hickory handle. Perfectly balanced.
9 AC 3826—Two sizes.....

Size	2–2 lbs.	3–2½ lbs.
Price	$1.29	$1.45

CRAFTSMAN RIVETING HAMMER

Ⓒ Forged steel. Hardened face and pein. Hickory handle.
9 AC 3820—Size 1. Weight, 7 ounces..... **89c**



9-PC. FLARING TOOL SET

Contains all tools necessary for cutting, bending and flaring copper tubing from ¼ to ⅝-inch, without kinking or collapsing.
9 AC 5531—Complete 9-Pc. Set. **$3.95**

6-PC. TUBE BENDERS

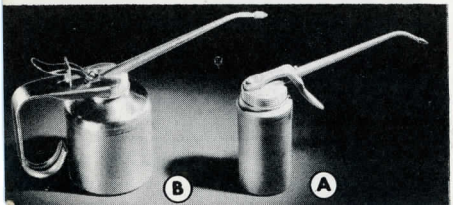
Ⓐ Special oil-hardened spring steel. Cadmium plated.
9 AC 5541—6-Pc. Set ¼ to ⅝-in. **$1.50**

FLARING TOOL

Ⓑ Includes flaring yoke and flaring bar. Assure quick, accurate flaring.
9 AC 5535..... **$1.75**

TUBING CUTTER

Ⓒ Hardened tool steel blade, perfect cutting—easily.
9 AC 5533..... **95c**



DUNLAP AUTOMOTIVE OILERS

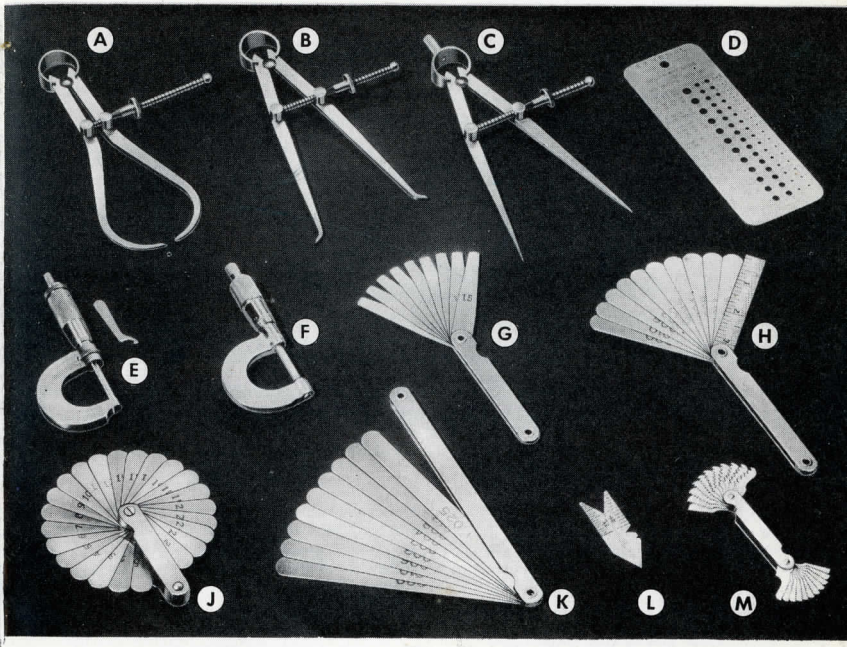
Ⓐ **Trigger type.** ½-pt. capacity. Shoots oil from any angle. Fits in pocket. 6-inch spout.
9 AC 6544..... **79c**

Ⓑ **Force feed.** ⅞-pint capacity. Removable tip for larger stream.
9 AC 6531..... **79c**

FOR EVERY NEED—TESTED AND GUARANTEED MACHINISTS'

PRECISION TOOLS

Used everywhere in factories and workshops. Made from quality materials to assure precision. See our complete line in your neighborhood Sears Store.



Ⓐ OUTSIDE CALIPERS
CRAFTSMAN. Tempered, crucible steel legs. Accurately machined. **75c**
9 AC 4019—4-in. **75c**
6-in. **85c**

Ⓑ INSIDE CALIPERS
CRAFTSMAN. Highest quality. **75c**
9 AC 4018—4-in. **75c**
6-in. **85c**

Ⓒ CRAFTSMAN SPRING DIVIDERS
9 AC 4017—4-in. **75c**
6-in. **85c**

Ⓓ DRILL AND WIRE GAUGE
Index for machine screw taps. Tempered steel. Special low price.
9 AC 4047 ..... **89c**

Ⓔ CRAFTSMAN MICROMETER
Graduated to read by 1/1000 of an inch. Lock nut and ratchet stop. Decimal equivalent. Guaranteed highest quality.
9 AC 4069 ..... **$7.75**

Ⓕ LOW PRICED MICROMETER
High degree of accuracy. Graduated into 1/1000 of an in. Smooth action.
9 AC 4074 ..... **95c**

Ⓖ CRAFTSMAN FEELER GAUGE
9 tapered leaves; .0015 to .015. Length, 3 1/16 inches.
9 AC 4055 ..... **75c**

Ⓗ DUNLAP GAUGE
10 leaves and 3-inch rule; .0015 to .025. Length, 3½ inches.
9 AC 4052 ..... **35c**

Ⓙ CRAFTSMAN 25-LEAF GAUGE
Highest quality feeler gauge. .0015 to .025 inch.
9 AC 4057 ..... **$1.98**

Ⓚ DUNLAP 9-LEAF GAUGE
6 inches long. Sizes, .002 to .025.
9 AC 4053 ..... **55c**

Ⓛ CENTER GAUGE
For checking lathe centers and setting threading tool.
9 AC 4064 ..... **40c**

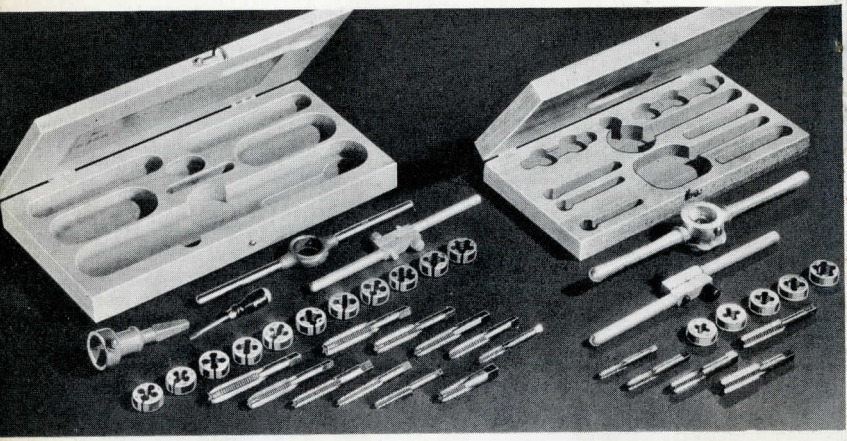
Ⓜ SCREW PITCH GAUGE
CRAFTSMAN quality. 22 pitches for V-threads, 9 to 40. 1-in. leaves.
9 AC 4048 ..... **98c**

CRAFTSMAN

FOR RESTORING BATTERED OR DAMAGED THREADS

TAP AND DIE SETS

Made from finest tool steel. Accurately machined to assure precision work. Designed for flexibility and maximum utility. Priced to save you over one-third.



FULTON 26-PIECE TAP AND DIE SET

Exceptional completeness at a very low price. Cuts 11 sizes. Set includes 11 1 inch adjustable dies, 11 taps, 9-inch die stock, bit stock die holder, tap wrench, screw driver. 3-screw adjustable die stock. Cuts U.S.S. threads ¼, 5/16, ⅜, 7/16, ½-inch, also S.A.E. threads ¼, 5/16, ⅜, 7/16, ½-inch, and ⅛-inch pipe. Complete set in hardwood box.

9 AC 5456 ..... $6.75

FULTON 12-PIECE S.A.E. TAP AND DIE SET

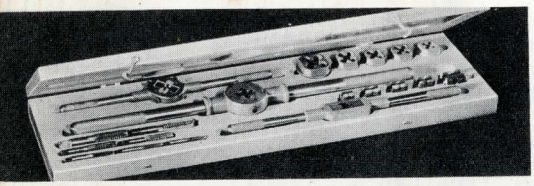
The choice of mechanics everywhere. Finest quality tool steel. Solid 1 inch dies. Cuts S.A.E. threads ¼ to ½-in. Complete set in hardwood box.

9 AC 5449 ..... $1.95

12-PC. U.S.S. TAP AND DIE SET

Same high quality as above only cuts U.S. standard threads ¼ to ½-in.

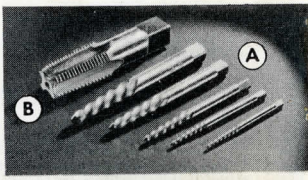
9 AC 5448 ..... $1.95



CRAFTSMAN ADJUSTABLE SCREW PLATES

Demanded and used by expert mechanics on threading jobs. Finest tool steel. Individual guide rings for quick changes. Adjustable 2-piece dies for deep or shallow threads. U.S.S. or S.A.E. standard bolt threads. Guaranteed America's Highest Quality.

Number	Cuts	Size of Cuts	PRICE
9AC5493	5	U.S.S. ¼, 5/16, ⅜, 7/16, ½ in.	$8.95
9AC5499	7	U.S.S. ¼, 5/16, ⅜, 7/16, ½, ⅝, ¾ in.	12.75
9AC5501	5	S.A.E. ¼, 5/16, ⅜, 7/16, ½ in.	5.95



CRAFTSMAN SCREW EXTRACTORS

(A) Tool steel. Removes broken screws or studs.

Size	1	2	3	4	5
9AC6736	22c	25c	29c	33c	37c

PIPE TAPS

(B) Tool steel. American standard right hand taper.

Size	⅛"	¼"	⅜"	½"
9AC5452	23c	29c	45c	65c

ACCURACY GUARANTEED WITH THESE PRECISION BUILT

EXPANSION REAMERS

Highest grade tool steel. Blades set at proper angle for a smooth shearing cut. Finished and ground with blades in position.

8-PIECE SET

Ⓐ Ream holes from 15/32 to 1 1/16 inches. First 8 sizes in chart below, complete in steel box.

28 AC 6275—Set of eight reamers..... **$12.75**

EXPANSION REAMERS

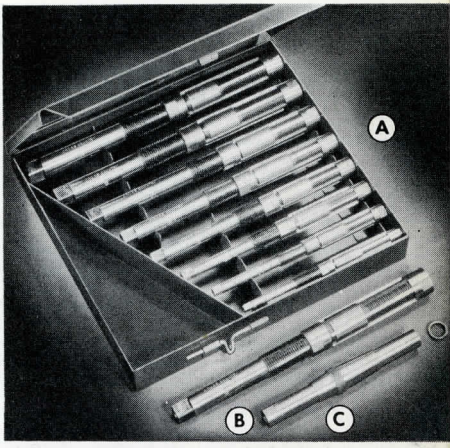
Ⓑ Individual pieces, available in 9 sizes ranging from 15/32 to 1 3/16 inches.

28 AC 627 See chart below..... **$1.45** and up

EXPANSION REAMER PILOTS

Ⓒ Finest quality S.A.E. steel. Prevents reamer from chattering, jumping or digging in.

28AC6102—Individual Pilots (see chart)..... **$1.09** and up



Expansion	Lgths. Blade Total	Ⓑ Expansion Reamers 28 AC 6276	Ⓒ Reamer Pilots 28 AC 6102
		Price	Price
15/32– 17/32 in.	1 7/8– 5 1/4 in.	$1.45	$1.09
17/32– 19/32 in.	1 7/8 – 5 3/4 in.	1.45	1.09
19/32– 21/32 in.	2 1/8 – 6 1/4 in.	1.59	1.09
21/32– 23/32 in.	2 1/8 – 6 3/4 in.	1.59	1.19
23/32– 25/32 in.	2 5/16– 7 1/4 in.	1.65	1.19
25/32– 27/32 in.	2 5/16– 7 3/4 in.	1.65	1.19
27/32– 15/16 in.	2 3/4 – 8 1/4 in.	1.79	1.19
15/16–1 1/16 in.	2 3/4 – 8 3/4 in.	1.89	1.29
1 1/16 –1 3/16 in.	3 3/16–10 in.	2.39	....

8-PIECE REAMER PILOT SET

Ⓐ Set of first 8 sizes of 6102 expansion reamer pilots listed in chart above. In steel box.

28 AC 6100—Set of 8..... **$9.75**

28 AC 6110—Set of 8 reamers complete with pilots in steel box..... **$21.50**

KING BOLT BUSHING REAMER

Ⓑ Both ends ground to act as pilots, assuring perfect alignment. For A, B and V-8 Fords, Chevrolet, Pontiac, Plymouth and Dodge passenger cars, also Ford and Chevrolet trucks. From **$1.39** up.

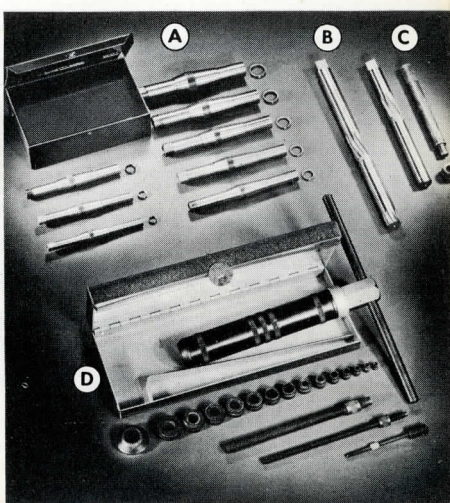
BUSHING REAMER SET

Ⓒ For removing and inserting king bolt bushings. Complete set, reamer and bushing remover. For most popular make cars, also Ford and Chevrolet trucks. From **$1.19** up.

BUSHING REMOVER SET

Ⓓ Arbor press type tool. Finest analysis S.A.E. steel. Complete with 13 draw plugs—sizes from 1/4 to 1 1/8 inch, outside or inside dimensions. In metal container.

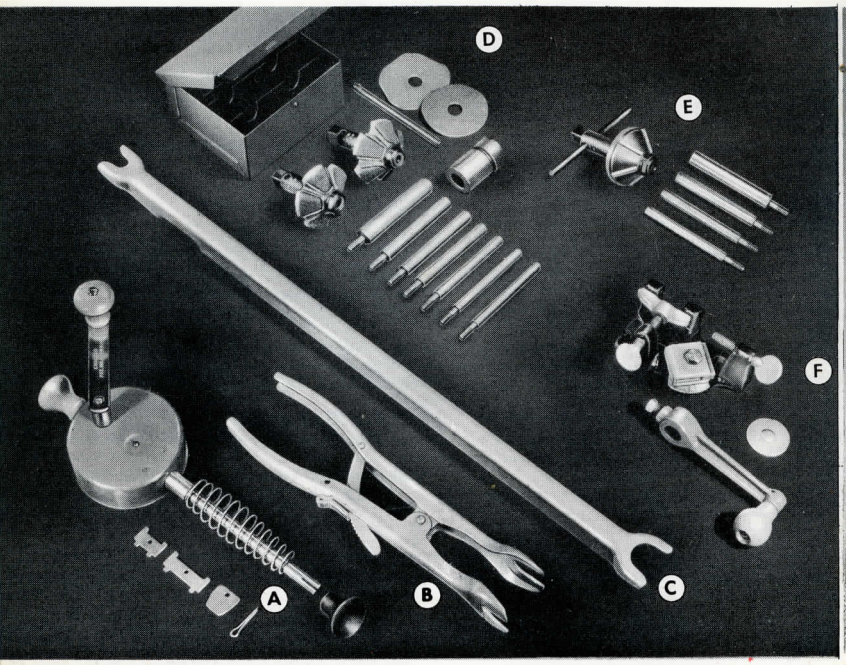
28 AC 6193—Complete Set..... **$9.98**



SAVE TIME AND EFFORT WITH THESE MONEY MAKING

VALVE GRINDING TOOLS

Valve grinding jobs pay good money. Do them accurately, and faster by using the right tools. Handle more business at a larger profit to you.



OSCILLATING GRINDER

Ⓐ Furnished with long and short shafts, bits and suction cup and spring for all valves.
28 AC 3216 ..... **89c**

VALVE LIFTER

Ⓑ Can be used on most cars.
28 AC 30757 ..... **17c**

VALVE LIFTER FOR V-8 FORDS

Ⓒ Heavy, straight beam, 22 in. long. The simplest made. Easy to use.
28 AC 3239 ..... **49c**

VALVE SEAT REAMER

Ⓔ Hardened Tool steel blades. Fits any size valve seat from 1 to 2 inches (except Chevrolet). 45 degree head—4 pilots (5/16, 3/8, 11/16, 19/32-inches).
28 AC 3213—Complete Set **75c**

VALVE REFACING LATHE

Ⓕ Hardened tool steel cutter. Fastens with screws to table top. Refaces scored and pitted surfaces. Adjustable for 30 or 45 degree valves.
28 AC 3218 ..... **98c**

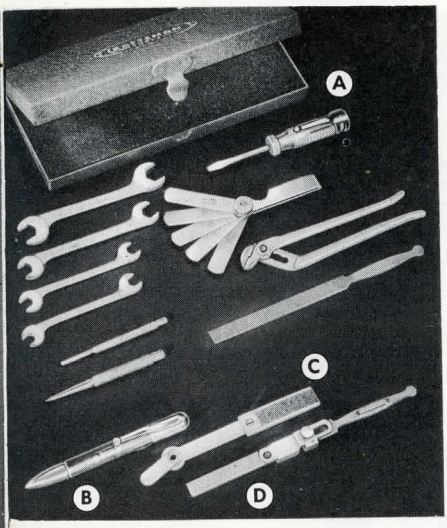
VALVE REFACER SET

Ⓓ For hard or soft valve seats. Use with speeder handle. Reseats all valves up to 2 1/8 inches except Chevrolet-6. Set consists of 45 and 30 degree heads. Seven pilots 5/16 to 19/32 inches. Pilot bushing for Ford V-8, one extra fine abrasive for each head, one cross bar in metal box.
28 AC 3247—Complete Set **$3.25**

EVERY MECHANIC CAN AFFORD SEARS HIGH QUALITY

IGNITION TOOLS

Designed to help you do ignition jobs better and easier. Nickel plated forged steel construction for quality, accuracy and long life.



10-PC. DUNLAP IGNITION SET

Ⓐ At the price, we challenge you to find its equal. Set includes four nickel plated forged steel wrenches (13/16 in. to 11/32 in.) one 4½ in. ignition plier, midget screwdriver, tiny punch, center punch, 5-leaf thickness gauge and ignition file. Complete in metal box.
9 AC 4452—Complete 10-Pc. Set..... **$2.15**

SPARK PLUG TESTER

Ⓑ Handy, new pocket type; easy to use. Simply hold against plugs. Has pocket clip.
28 AC 1342..... **23c**

IGNITION POINT CLEANER

Ⓒ Special compound stone, cuts and dresses any type of point. Can be used as a gauge.
28 AC 20360..... **15c**

IGNITION POINT FILE

Ⓓ High grade double cut tempered steel. Setting piece permits cleaning both contacts at one time.
28 AC 30623..... **15c**

RIM WRENCH—GEAR PULLERS

FOUR-WAY RIM WRENCH

Ⓐ Drop forged steel. Fits ⅝, ¾, 13/16 and ⅞ in. nuts. Extra long sockets to fit over long bolt ends.
28 AC 1252..... **49c**

HEAVY DUTY PULLER

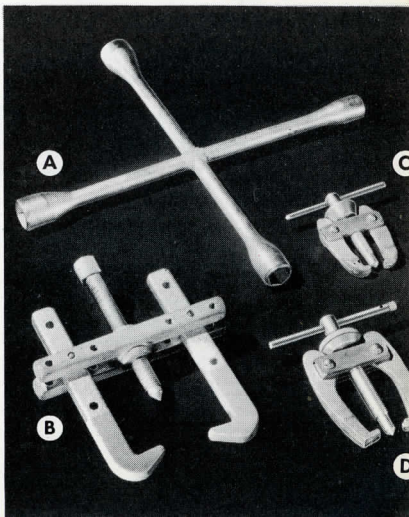
Ⓑ For gears, bearings (cups or cones), pulleys, wheels, etc. Jaws can be reversed. 18 different width and length adjustments.
28 AC 2229..... **$2.98**

SMALL GEAR PULLER

Ⓒ For small gears, battery terminals, etc. Centering wedge forces even pull on both legs. Drop forged steel. Cadmium plated. Handles gears up to 1¾ inches in diameter.
28 AC 2227..... **59c**

LARGE GEAR PULLER

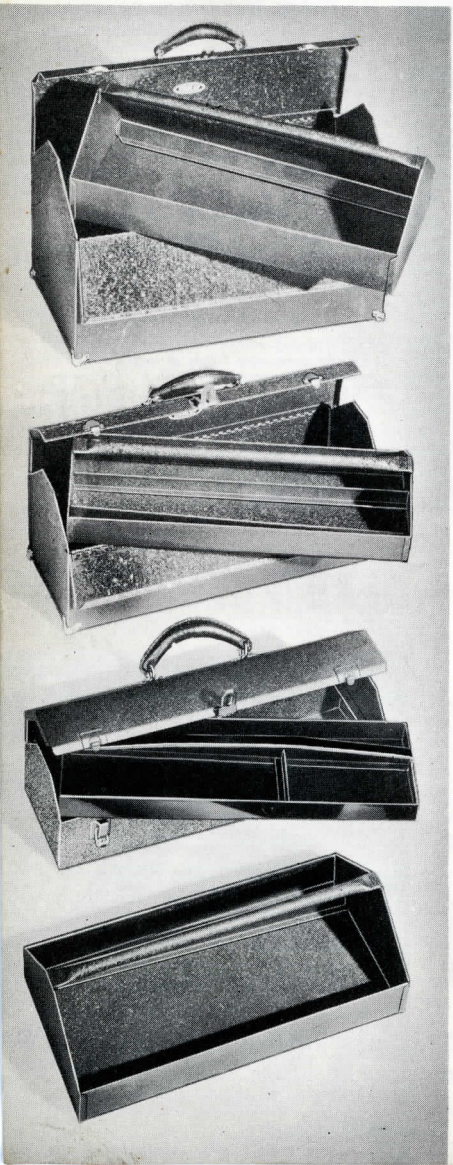
Ⓓ Same as above. Larger, heavier. Handles gears up to 3½ inches in diameter.
28 AC 2228..... **98c**



HERE'S CONVENIENCE AND SAFETY AT LOW COST

AUTO MECHANICS' BOXES

Guard your tools against loss when not in use. Sears tool boxes are inexpensive and come in various sizes and styles, to suit your requirements and pocketbook.



NO. 6521—LARGE SIZE

Sturdy 22-gauge steel construction. Size, 20x10¼x12⅝ inches. Has handy lift-out tote tray with round carrying bar. Round leather handle. Brown ripple finish. Nickeled corner irons and hasp. The ideal mechanic's tool box—large enough to hold a complete set of tools.

99 AC 6521 ..... **$4.95**

NO. 6520—MEDIUM SIZE

Same high quality as above but smaller. Size, 18½x7¼x9 inches. Sturdy 22-gauge steel construction. Has round leather handle. Convenient lift-out tote tray with round carrying bar. Brown ripple finish.

9 AC 6520 ..... **$2.98**

NO. 6516—SMALL SIZE

For smaller needs. Handy size, 18½x5¾x5½ inches. 22-gauge steel construction. Lift-out tote tray. Blue ripple finish.

9 AC 6516 ..... **$2.10**

NO. 6524—TOTE TRAY

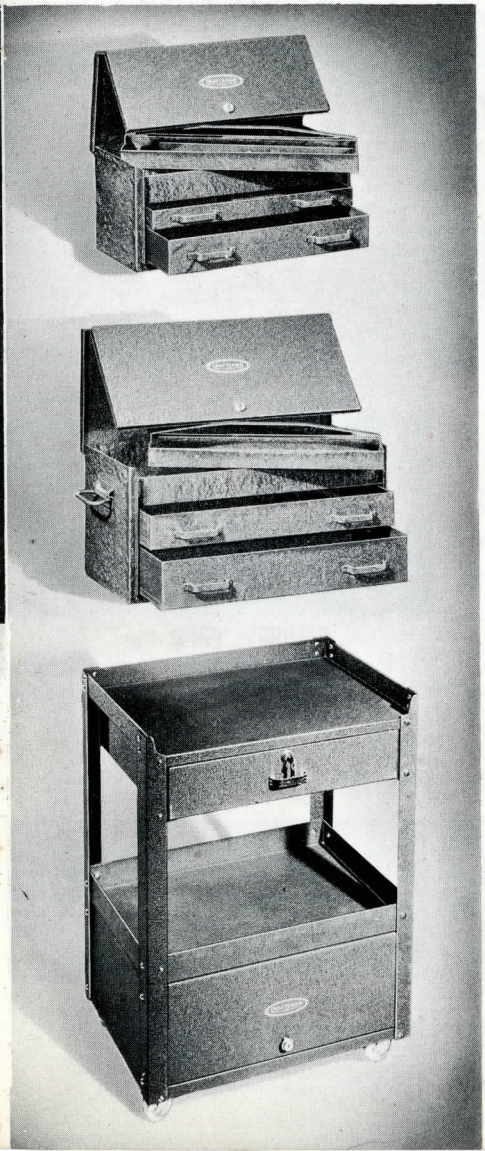
Its large size, 20x10¼x12⅝ inches, makes it extra convenient for carrying the necessary tools around from job to job. Heavy tubular carrying bar. Socket wrench compartment runs full length. 22-gauge steel.

9 AC 6524 ..... **$1.39**

FINEST MADE — RUGGED, SHEET STEEL CONSTRUCTED

MECHANIC TOOL CHESTS

Designed for mechanics who own large sets of tools and those who wish to add to their sets from time to time. Note the spacious, convenient drawers, easy grip carrying handles, etc.



HOLDS 75 TO 100 PIECES

A real *Craftsman* bargain at Sears low price. Heavy sheet steel with carrying handle. Has two deep drawers (one divided for sockets) and one tote tray. Size, 8½x8½x19 inches; large enough for 75 to 100-pieces. Cylinder lock and two keys. Blue crackle finish.

99 AC 4358 ..... **$5.75**

HOLDS 100 TO 150 PIECES

Sears finest. Large enough to hold the most complete assortment of tools any mechanic ever needs on any job. Size, 10x 10x22 inches. Has two deep drawers and one tote tray 5½x18 inches. Heavy sheet steel with chest handles on end. Blue crackle finish. Complete with cylinder lock and two keys.

99 AC 4375 ..... **$7.95**

ROLLER CABINET

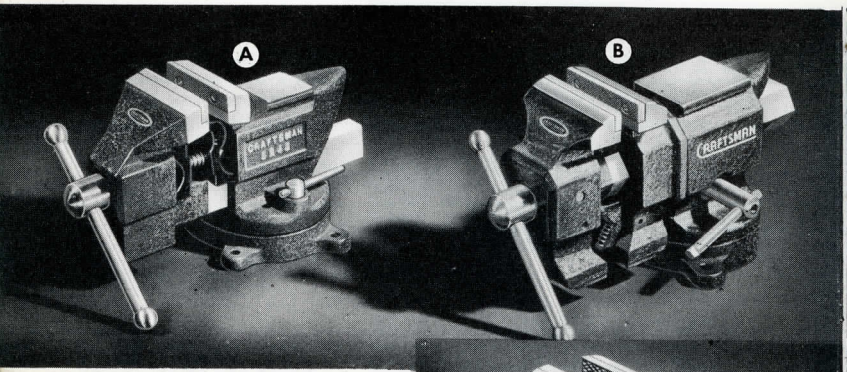
Indispensable in garages and repair shops. Saves time—speeds up jobs. Its smooth, heavy roller steel casters permit moving all necessary tools around the jobs. Holds 4375 tool chest. Strong, heavy gauge steel—yet light in weight. Has one deep drawer 15x23 inches. Space at bottom for holding large size tools, with drop door that slides out of the way. Height overall 31-in. Blue crackle finish. Two YALE cylinder locks with keys.

99 AC 4376 ..... **$13.50**

FOR EVERY PURPOSE—PRICED TO SAVE YOU ONE-THIRD

GARAGE AND MACHINIST VISES

Only the finest materials and expert workmanship are used in the making of Craftsman Vises. They challenge comparison in long life service and guaranteed satisfaction. Make yours a Craftsman



GARAGE VISE

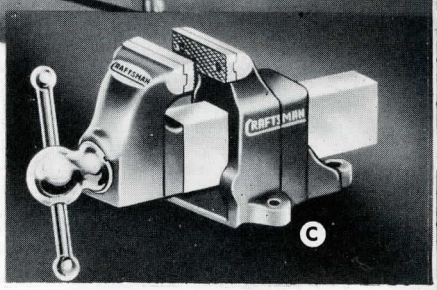
Ⓐ Replaceable oil tempered and hardened knurled alloy steel jaws. Swivel base. Removable hardened malleable iron pipe jaws. Cold rolled steel beam. Blue ripple finish. 3-inch jaws. Opens to 4 in. Other sizes available.

99 AC 5240 . . . . . **$2.98**

TWO-IN-ONE VISE

Ⓑ Ideal general purpose vise. Double swivel action. Base and head can be locked in any position. Holds pipe up to 1½ in. Holds cylindrical objects from 1½ to 4½ in. 3½-in. jaws. Opens to 4¼ in.

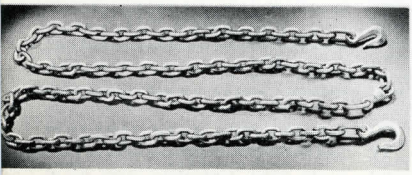
99 AC 5241 . . . . . **$8.95**



MACHINIST VISES

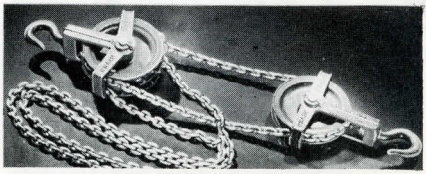
Ⓒ Built for heaviest machine shop work.

Number	Jaws	Type Base	Open To	Price
99AC5151	3½ in.	Solid	5 in.	$ 7.90
99AC5152	4 in.	Solid	6 in.	8.90
99AC5161	3½ in.	Swivel	5 in.	10.50
99AC5162	4 in.	Swivel	6 in.	11.90



TOW CHAINS

Ⓔ Short, husky open hearth steel links. Butt welded, tested. Lgth. 14 ft. working load, ¼ of breaking strain. Rod sizes 5/16 and ⅜ in. Breaking strains 5410 and 7440 lbs. See your Sears retail store for low prices.



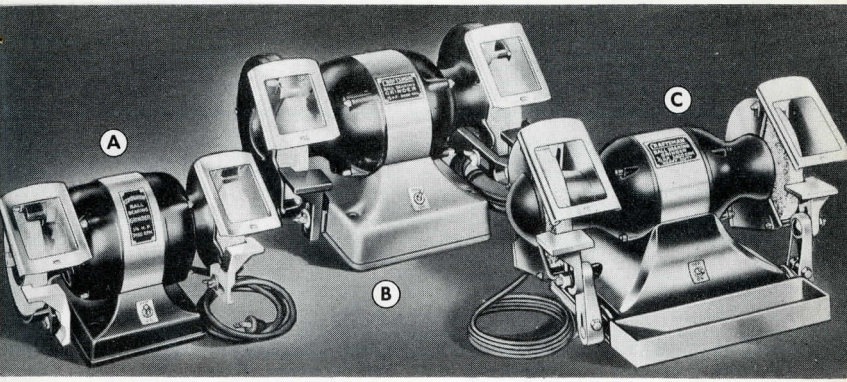
CHAIN HOISTS

Ⓓ Extra strong Cadmium plated chain. Easy lifting. Timken roller bearings in lower load hook. Finest quality money can buy. See your local Sears store for all sizes and prices on ¼ to 1½ ton capacities.

PRECISION MADE—FOR ALL JOBS AND PURPOSES

ELECTRIC AND HAND GRINDERS

No matter how much you want to spend—you'll find the finest, most complete line of hand and electric grinders at Sears. Every one priced to save you money.



COMPANION ¼-H. P. GRINDER

Ⓐ An exceptional value. New Departure precision ball bearings. Two 6x ¾-in. fully vitrified grinding wheels cut fast and clean. Heavy glass shields. Handy built-in toggle switch. Motor turns 3450 R.P.M. at full load. For 110 volt 60 cycle A.C.

99 AC 2616—See Sears Power Tool Catalog for Price.

CRAFTSMAN ⅓-H. P. GRINDER

Ⓑ Ideal for grinding tool bits and most types of general purpose grinding. Two 7x¾-in. wheels—one coarse, one fine. Glass shields. Motor revolves on fully enclosed New Departure ball bearings. For 110 volt 60 cycle A.C.

99 AC 2617—See Sears Power Tool Catalog for Price.

CRAFTSMAN HEAVY DUTY ½-H. P. BENCH GRINDER

Ⓒ One of the finest quality electric grinders money can buy. Highly recommended for garages and shops where fast grinding is required. Its extra power will handle any grinding or sharpening job—smoothly, efficiently and fast. Two 7x1-in. vitrified grinding wheels—one coarse, one fine. Shatterproof glass shields. Adjustable tool rest. Detachable water pan for cooling work. Small diameter permits work to be ground across face of machine. ½ H. P. motor develops 3450 R.P.M. full load. Operates on 110 volt 60 cycle A.C. Has built-in switch.

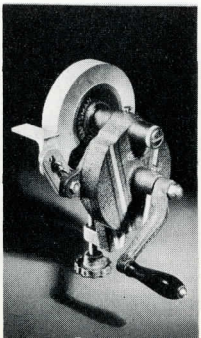
99 AC 2609—See Sears Power Tool Catalog for Price.

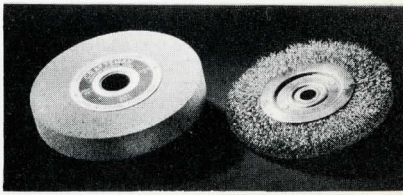
CRAFTSMAN HAND GRINDERS

Highest quality! Ball bearing adjustable end thrust. True running *Craftsman* vitrified grinding wheel. Adjustable tool rest. Quiet machine cut gears.

9 AC 6603 5x1 inch.... **$3.45**

9 AC 6604 6x1 inch ... **4.98**





GRINDING WHEELS

9 AC 6412—Fine
9 AC 6411—Med.
4"x½".....49c
6"x¾".....$1.00
7"x¾"..... 1.25

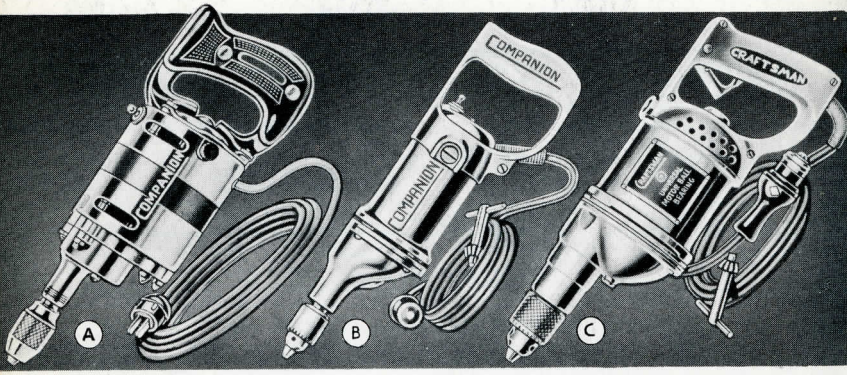
WIRE WHEELS

Long lasting.
9 AC 6480—Coarse
4"..35c; 6".....45c
9 AC 6482—Fine
4". 45c; 6".....55c

EVERY ONE BUILT UP TO SEARS HIGH QUALITY

ELECTRIC DRILLS

The yardstick of value of any product today largely depends upon the integrity of the firm behind it. *Craftsman* and *Companion* drills are no exceptions. Behind each and every



COMPANION UTILITY DRILL

Ⓐ Light in weight—yet a sturdy, compact, dependable drill for general work around the repair shop, and the home. Its smooth, efficient well balanced operation makes this low priced drill an outstanding value. 3-jaw chuck takes drills up to ¼-inch. Ball bearings take up end thrust. Double reduction gears for extra power. Universal motor for 110–120 volt A.C. or D.C. Pistol grip handle and toggle switch. Spindle speed 1500 R.P.M. Complete with rubber covered cord, and plug. 9AC2575 — See Sears Power Tool Catalog for price. Ask for your copy at your local Sears store.

COMPANION PENCIL DRILL

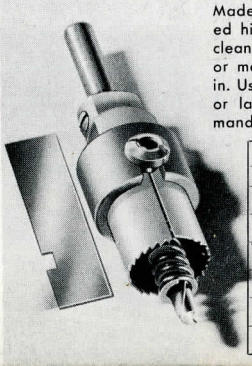
Ⓑ This close quarter tool permits you to get into the most cramped quarters. A quality, finely finished well balanced drill that will give you many years of trouble-free service. Genuine Jacob's chuck takes straight shank drills up to ¼-inch. Finest alloy steel reducing gears for smooth operation. The high quality ball thrust bearing is sealed-in-oil. Dynamically balanced Westinghouse Universal type motor operates on 110–120 volt A.C. or D.C. Complete with built-in toggle switch and 8-foot rubber covered cord, and plug. 9AC2576—See Sears Power Tool Catalog for price.

CRAFTSMAN HEAVY DUTY

Ⓒ Here's surplus *power* and plenty of it. Guaranteed not to stall when used with the maximum size drill specified below. It's one of the finest electric drills money can buy. Equipped with Jacob's chuck. Spindles, gears and pinions are chrome nickel steel, precision cut. Ball bearing equipped for added long life. Powerful heavy duty Westinghouse motor, operates on 110–120 volts A.C. or D.C. See Sears Power Tool Catalog for prices.

Number	Size Drill	No Load Speed
99AC2580	¼-inch	2,000 R.P.M.
99AC2581	5/16-inch	1,500 R.P.M.
99AC2582	⅜-inch	1,000 R.P.M.

CIRCULAR HOLE SAW



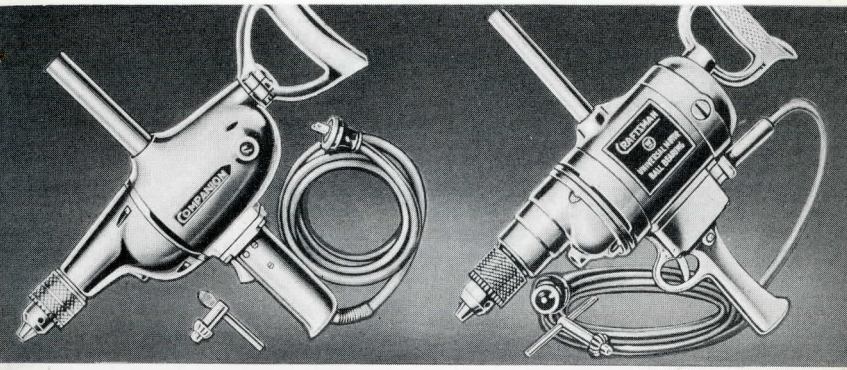
Made from finest heat treated high speed steel. Cuts clean round holes in wood or metal. Depth of cut ⅞ in. Use ½-in. capacity drill or larger. Complete with mandrel.

9 AC 2698	
SIZE	PRICE
¾-in.	$2.35
1-in.	2.35
1¼-in.	2.35
1½-in.	2.35
2-in.	2.50
2½-in.	2.98

STANDARD AND *NOT* DOWN TO A LOW PRICE

FOR EVERY JOB

one stands over a half century of Sears iron-clad policy of guaranteeing satisfaction to every purchaser. Buy *Craftsman* and *Companion* tools with confidence and save money.



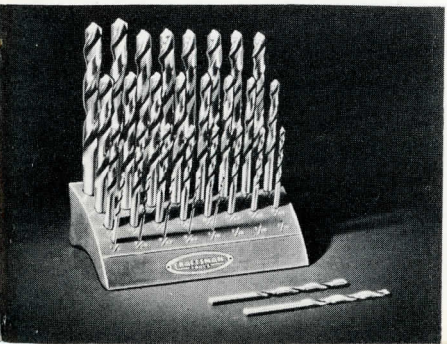
COMPANION ½-IN. DRILL

Has all the features you would expect to find only in a much higher priced drill. Its strong handsome aluminum alloy housing is built to withstand hard wear. In length it is only 16 inches overall—making it compact and easy to handle. All parts are made from finest, most expensive materials. Full ½-inch capacity Jacob's chuck—heat treated chrome nickel steel gears and pinions—ball thrust on spindle. Self-lubricating "oilite" bronze bearings. General Electric motor operates on 110–120 volts A.C. or D.C. With ½-inch Jacob's chuck and key. 10-foot rubber covered cord, and plug. Double pole automatic releasing switch. 99AC2584—See Sears Power Tool Catalog for price and other features.

CRAFTSMAN FINEST DRILL

Built for heavy duty in auto repair shops, factories and mills. Genuine Jacob's key chuck. Westinghouse Universal ball bearing motor. Alloy steel spindle, runs on ball bearings, sealed-in-oil. Armature shaft runs on oil sealed ball bearings. High torque supplied by heat treated triple reduction gears. Built for years of perfect operation. For 110–120 volt A.C. or D.C. 10-foot rubber covered cord, and plug. See Power Tool Catalog for price and full details. Get your copy at your local Sears retail store.

Number	Size Drill	No Load Speed
99AC2585	½-inch	750 R.P.M.
99AC2586	⅝-inch	525 R.P.M.
99AC2587	¾-inch	475 R.P.M.



CRAFTSMAN TWIST DRILLS

Highest quality straight shank jobbers length drills.

Diam. In.	9AC 6698 Carbon steel	9AC 6699 High Speed	Diam. In.	9AC 6698 Carbon steel	9AC 6699 High Speed
1/16	8c	18c	3/16	11c	29c
5/64	9c	19c	7/32	14c	35c
3/32	9c	20c	1/4	17c	41c
7/64	9c	21c	5/16	23c	59c
1/8	10c	22c	3/8	32c	79c
9/64	10c	23c	7/16	45c	....
5/32	10c	25c	1/2	65c	....

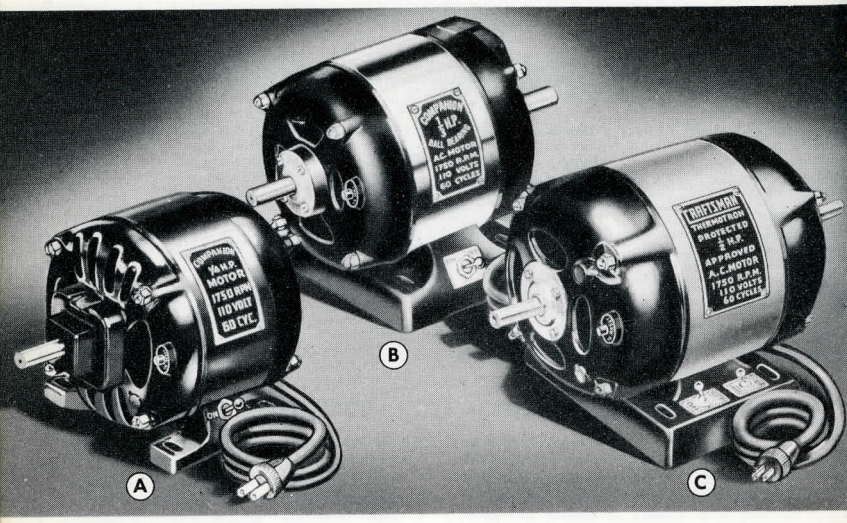
TWIST DRILL SETS WITH STAND

9 AC 6701—1-60 wire gauge.....$6.45
9 AC 6702—1/16 to ½ in. by 64ths. 7.50

RELIABLE—THEY'RE GUARANTEED UP TO 3 YEARS

ELECTRIC MOTORS

Select the right type motor for the job. Sears motors are built by experts, from the finest materials, to assure satisfaction and long life.



COMPANION ¼-H. P. SPLIT PHASE MOTOR

Ⓐ Guaranteed 2 years against defects in workmanship and materials. Powerful, quiet running, super insulated. Built-in starting switch and overload protection. New type sealed oil chambers provide trouble-free lubrication for life. Ideal for light shop tools, power tools, etc. Heavy steel shaft is reduced to ½-inch to accommodate standard accessories. Handles heavy running loads if easily started. Operating speed 1750 R.P.M. For 110–120 volt, 60 cycle A.C. This motor is a real bargain.

99 AC 5618—See Sears Power Tool Catalog for low price.

COMPANION ⅓-H. P. SPLIT PHASE MOTOR

Ⓑ Sears finest split phase motor. Fully guaranteed 2 years against defects. Recommended for shop or power tools. Overload protector will stop motor if it becomes overheated. Extra strong, fully balanced. Heavy overload capacity to take emergency loads for short periods. Grease sealed New Departure ball bearings. Ball bearing construction permits use of this motor in vertical or horizontal position. Double drive shaft, easily reversed. Handy built-in starting switch. For 110–120 volt, 60 cycle A.C. 1750 R.P.M. ½ inch drive shaft. See Sears Power Tool Catalog for complete details and price.

99 AC 5620—⅓ H. P.
99 AC 5583—⅓ H. P. Same as 5620 but with bronze bearings and no overload protection. Not for vertical drive.

CRAFTSMAN CAPACITOR MOTOR

Ⓒ Starts easier than split phase motors and uses less current in starting. Guaranteed 3 years against defects in material and workmanship. Has all the features of 99 AC 5620 plus built-in reversing switch and built-in condenser. Ideal for power tool use. For 110–120 volt, 60 cycle A.C. Operating speed 1750 R.P.M. ½-inch drive shaft. See Sears Power Tool Catalog for prices and more complete details.

99 AC 5585—⅓-H.P. (**99 AC 5586**—½-H.P.)
99 AC 5587—½-H.P.3450 R.P.M. For high speed power tools such as jointers, shapers, etc.

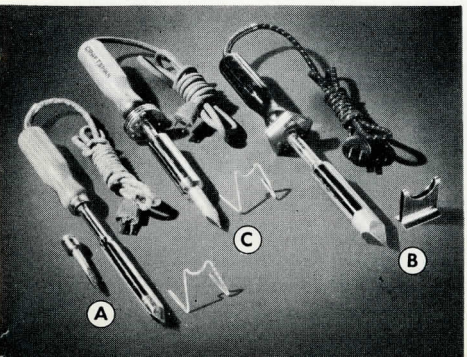
BUILT TO HANDLE HEAVY LOADS WITH EASE

MASTER CRAFTSMAN REPULSION INDUCTION ELECTRIC MOTORS

Designed for heavy duty jobs of all kinds. Recommended for large shops and factories, for steady production work.

TREMENDOUS OVERLOAD CAPACITY FOR HEAVY LOADS

A standout for all around performance. It's the strongest, most rugged, long-life motor money can buy. Easily starts heavy loads. Equipped with burnout protection which will stop motor if it becomes overheated. Giant size oil wells. Meets all A.I.E.E.; N.E.M.A. and Central Station requirements. Highest quality phosphor bronze bearings for long life. Available in ¼ H. P. to 1½ H. P. shaft sizes ⅝ to 1-inch. See Power Tool Catalog for prices and more detailed information. A real value!



DUNLAP 2-IN-1 SOLDERING IRON

Ⓐ 125 watt. Two copper tips—⅜-inch for radio work, etc. 2-ounce tip for general use. Underwriters Approved.
9 AC 5400—Guar. 2 years. **$2.25**

DUNLAP 175-WATT

Ⓑ Heavy duty. 5-ounce copper tip. Underwriters Approved.
9 AC 5406—Guar. 2 years. **$3.50**

CRAFTSMAN 200-WATT

Ⓒ Industrial type. ⅝-inch. 8-ounce solid copper tip—5 inches long. For 110-130 volts. Approved by Underwriters.
9 AC 5383—Guar. 2 years. **$4.50**

DO YOUR OWN WELDING AND SAVE MONEY!

ARC WELDER OUTFIT

Handles work from heavy castings down to light metals like fenders, sheet metals, etc. Will do brazing or soldering.

Built for professional use and continuous service—yet so simple to operate that no experience is necessary. The use in this outfit of the new glass fabric insulated wire is one of the greatest advancements ever made in welder design. Resists temperature as high as 500° F. No danger of burning out coils when operating on high heat. Wide range of heats—160, 120, 90, 60, 40 and 20 amperes. Cuts iron, steel or cast iron up to 3/16-inches thick. Operates on 220 Volt—60 cycle; single phase, alternating current only. 99 AC 2001

Ask for a copy of Sears Power Tool Catalog and read about its many other big features and price.

FLEXIBLE SHAFT OUTFIT

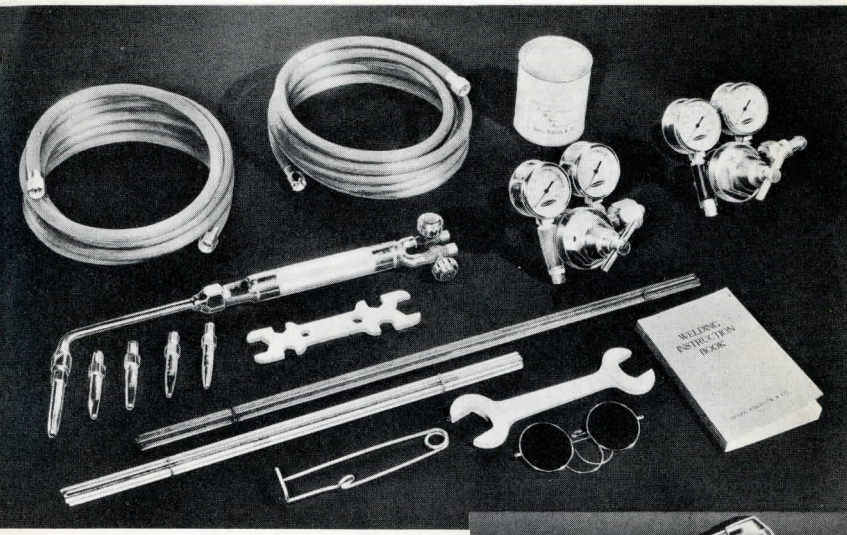
The tool of a thousand uses! It takes the hard work out of grinding, polishing, buffing, sanding, refinishing, paint removing, etc. Just the tool for fender and body work. Built for long life service. Both hand piece and motor coupling have SKF precision ball bearings—sealed against dirt. Core is made from high tensile steel wire.

For more complete details about its many other big features, uses and price—ask for a Sears Power Tool Catalog at your local Sears store.

TORCH APPROVED BY UNDERWRITERS' LABORATORIES

ACETYLENE WELDING SET

Made by the world's leading manufacturers of professional welding tools and guaranteed by Sears. A $70.00 Value. Priced to save you $25.00 or more.

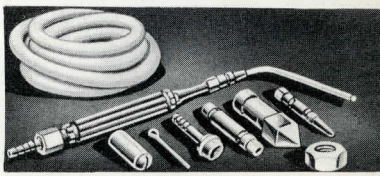


We mean it, when we say—there's no other welding equipment equal in quality at anywhere near Sears money saving price. Highly recommended for welding sheet metal, heavy automotive, tractor or farm machinery. Absolutely safe and dependable. Outfit consists of heavy duty 17½-inch perfectly balanced non-flash torch with 5 solid drawn copper welding tips. All brass double gauge oxygen and acetylene regulators. Two 12½-foot lengths of heavy duty corrugated hose with connections, lighter, goggles; 24 assorted welding rods, for all kinds of welding, also 208 page Welder's Manual, worth $2.50.

99 AC 5442—See your local Sears retail store for price of this complete Craftsman Outfit and the many other individual accessories.

CRAFTSMAN CUTTING ATTACHMENT

Connect it to welding torch in place of mixer with wrench and No. B-3 Tip. Cuts steel up to 1½ inches. Cuts up to 6-inch steel with larger tips. See Sears local retail store for prices.



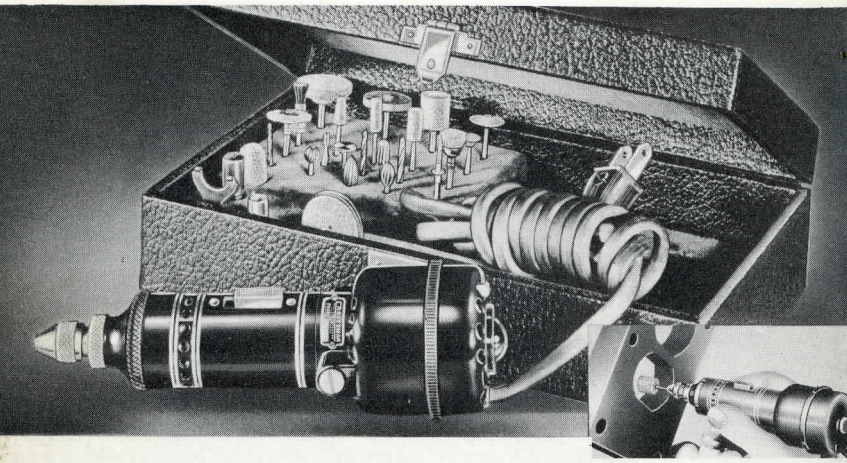
CRAFTSMAN JR. SOLDERING OUTFIT

Use with Prest-O-Lite cylinders to burn paint, bronze, solder, etc. Complete outfit consists of 9 pieces. See Sears local retail store for prices.

IT HAS OVER 101 MANY DIFFERENT USES

CRAFTY ROTARY TOOL

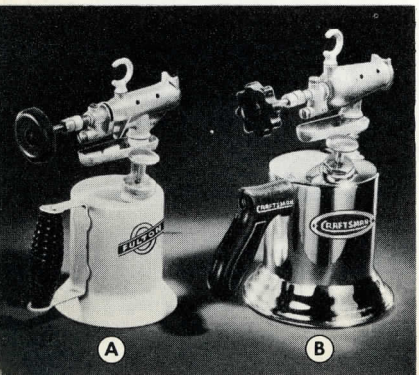
One of the most versatile little quality Craftsman electric tools ever developed. 50% more powerful than comparable tools. Sears tremendous buying power makes possible an amazing low price on this outstanding value.



Use it for drilling, grinding, carving, polishing, engraving, sawing, sanding or routing. Use it on wood, metal, glass or anything that can be machined. Tool and die makers and all metal working plants will find it indispensable for grinding and polishing dies. You can sharpen all kinds of tools with it—makes wood carving easy—can even be used to engrave glass of all kinds. It's 50% more powerful than comparable tools. Powerful Universal motor for 110–120 volt A.C. or D.C. Precision ball bearing in front. No load speed, 18,000 R.P.M. Length overall 7 inches. Comes complete with all accessories ready to go. Ask for a Sears Power Tool Catalog—for more complete details and price on this 9 AC 2651—Rotary Tool

Used everywhere by tool and die makers, for grinding and polishing dies, etc.

Use it on all kinds of materials — metals, wood and for engraving glass.



GASOLINE BLOW TORCHES

Ⓐ Fulton one pint capacity. Heavy solid bronze burner gives hot steady blue flame of 2000 degrees. Non-clog needle valve. Leakproof one piece pump. Lead coated tank. Soldering iron hook.

9 AC 5424—1 pt. size..... **$2.35**
9 AC 5426—1 qt. size with highly polished solid brass tank..... **$3.25**

CRAFTSMAN SUPER TORCH

Ⓑ America's highest quality. Meets U. S. Navy Specifications. Generates 2200 degrees blistering blue flame. Highly polished, chrome plated brass tank. Cool pistol grip handle. Extra large solid bronze windproof burner. Built to give lasting satisfaction and long life.

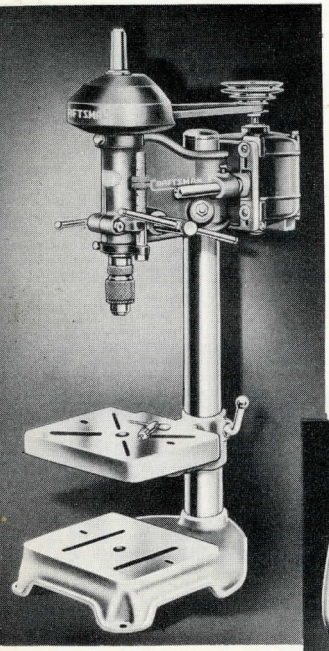
9 AC 5544..... **$4.45**

CRAFTSMAN

SEARS OFFER YOU THE FINEST, MOST COMPLETE

LINE OF POWER TOOLS IN AMERICA

Ask for a copy of Sears Big Craftsman Power Tool Catalog. It's complete with all information, illustrations and Money Saving Prices. Remember, every Sears Power Tool you buy is covered with an iron-clad guarantee.



CRAFTSMAN DRILL PRESS 99 AC 2380

A typical Sears Power Tool value. A drill that is really 5 machines in one. Easily converted into an efficient spindle sharpener—use it for drilling, mortising, routing, sanding, etc. Built from finest materials with expert workmanship. See Power Tool Catalog for full details.

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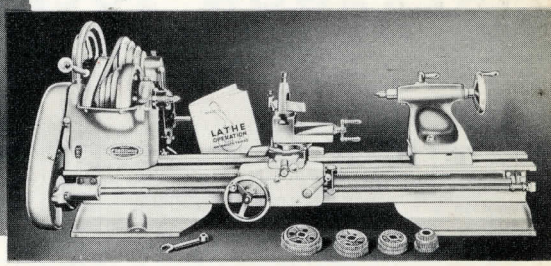
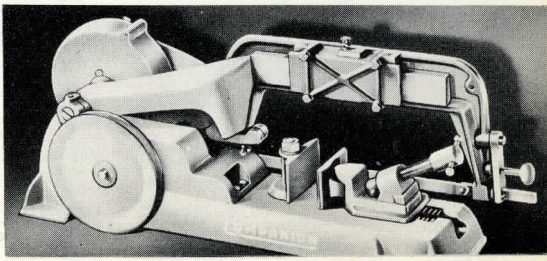
Compare it—feature for feature with any other lathe on the market. Thousands are used throughout America in factories, garages and home workshops. Each step in its manufacturing is rigidly inspected. Each lathe, before it is released from factory, must undergo a series of tests to insure utmost accuracy and satisfaction. Guaranteed accurate to .001-inch. *See Sears Craftsman Power Tool Catalog* for full details and prices.



COMPANION POWER HACK SAW 99 AC 2294

Built to give years of service. Heavy construction—bronze bearings. Fully automatic in action. Completes job accurately without attention. See Power Tool Catalog for full details and price.



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TAPPET WRENCH CHART

SIZE OF WRENCH OPENINGS NEEDED

Make of Car	Models	Sizes Needed
Auburn	All 1934,35,'36 8-100 to '33 incl.	One each ½", 9/16", ⅝"
	12-160	Two ½" (1 box)
Buick	All since '28	One 9/16"
Cadillac	All since '36	Self-adjusting
	All '28 to '35	One 9/16"
Chevrolet	All since '28	One ⅝"
Chrysler	All since '34	Two ½"
	Imperial 8	Two ½", One ⅝"
	'37 C14, C16	One 7/16", One ½"
De Soto	Early 1937	One ½", One ⅜"
	All others	Three ½"
Dodge	All since '31	Two ½"
Terraplane	All since '28	Two ½"
Graham Gra-Paige	All since '30 and '28, '29 Six	One ½", Two 9/16"
Gra-Paige	'28, '29 8's	Two 9/16, One 11/16"
Hudson	All since '30	Two ½"
	1928 to 1930	Two 9/16"
Hupmobile	All Eights	Two ½"
	'28, '29, '30, '32 Six	One 21/32", Two ¾"
	'31 Six	Two 21/32", Two ⅝"
	'33 Six	One ½", Two ⅝"
	'34, '35 Six	Two ½"
Lafayette	1935-1936	Three 9/16"
La Salle	All since '28	One 9/16"
Lincoln	All since '28	Two ½"

Make of Car	Models	Sizes Needed
Nash	'28,'29 Stand. 6 '30 Sing. Ign. 6, '31 6 & Small 8; '32, '33 Stand. 6 and 8	Two 9/16", One ⅝"
	All others '28, '29, '30, '31	One 9/16"
	All Big 8's since '32 and 6's since '34	Three 9/16"
Oldsmobile	'28 to '36	One ½", Two 9/16"
	1937	Three ½"
Packard	All since '28	Two 9/16"
Pierce-Arrow	1931	Two ½", One 11/16"
	1932	Two 9/16", One 11/16"
	All since '33	Self-adjusting
Plymouth	1928 to 1930	One ½", Two 9/16"
	All since 1931	Three ½"
Pontiac	'28, '29	One ½", Two 9/16"
	'30 to '34	Two ½", One 9/16"
	'35 to '37	Three 9/16"
Reo	8-21	One ½", Two 11/16"
	Mate and Wolverine	One ½", One 9/16", One 11/16"
	All others	Two ½", One 9/16"
Studebaker	'28 to '33	One ½", One 17/32", One 11/16"
	'34, '35 '36, '37	Two ½", One 9/16" One ½", Two 9/16"
Willys	All since '30	Two ½", One 17/32"

HEXAGON SOCKET TABLE

STANDARD SIZE OPENINGS

Size of Openings in Inches	S. A. E. Nuts & Bolts	U. S. S. Nuts	U. S. S. Cap Screw	Amer. Std. Nuts	Amer. Std. Cap Screw
3/16					
7/32					
¼					
9/32					
5/16		⅛	⅛		
11/32					
⅜			3/16		
7/16	¼		¼	¼	¼
½	5/16	¼	5/16		5/16
9/16	⅜		⅜	5/16	⅜
19/32		5/16			
⅝	7/16		7/16	⅜	7/16
21/32					
11/16		⅜			
¾	½		½	7/16	½
25/32		7/16			
13/16			9/16	½	9/16
⅞	9/16	½	⅝	9/16	⅝
15/16	⅝			⅝	
31/32		9/16			
1"	11/16		¾		¾
1 1/16	¾	⅝			
1⅛			⅞	¾	⅞
1 3/16	13/16				

Size of Openings in Inches	S. A. E. Nuts & Bolts	U. S. S. Nuts	U. S. S. Cap Screw	Amer. Std. Nuts	Amer. Std. Cap Screw
1¼	⅞	¾	1"		
1 5/16				⅞	1"
1⅜			1⅛		
1 7/16	1"	⅞		1"	
1½			1¼		1⅛
1⅝	1⅛	1"	1⅜		
1 11/16				1⅛	1¼
1¾					
1 13/16	1¼	1⅛			
1⅞				1¼	
2"	1⅜	1¼			
2⅛					
2 3/16	1½	1⅜			
2¼				1½	
2⅜		1½			
2½					
2 9/16		1⅝			
2⅝				1¾	
2¾		1¾			
2 15/16		1⅞			
3⅛		2"			
3¼					
3½		2¼			

DECIMAL EQUIVALENT CHART

1/64	.015625	11/32	.34375	43/64	.671875
1/32	.03125	23/64	.359375	11/16	.6875
3/64	.046875	3/8	.375	45/64	.703125
1/16	.0625	25/64	.390625	23/32	.71875
5/64	.078125	13/32	.40625	47/64	.734375
3/32	.09375	27/64	.421875	3/4	.750
7/64	.109375	7/16	.4375	49/64	.765625
1/8	.125	29/64	.453125	25/32	.78125
9/64	.140625	15/32	.46875	51/64	.796875
5/32	.15625	31/64	.484375	13/16	.8125
11/64	.171875	1/2	.500	53/64	.828125
3/16	.1875	33/64	.515625	27/32	.84375
13/64	.203125	17/32	.53125	55/64	.859375
7/32	.21875	35/64	.546875	7/8	.875
15/64	.234375	9/16	.5626	57/64	.890625
1/4	.250	37/64	.578125	29/32	.90625
17/64	.265625	19/32	.59375	59/64	.921875
9/32	.28125	39/64	.609375	15/16	.9375
19/64	.296875	5/8	.625	61/64	.953125
5/16	.3125	41/64	.640625	31/32	.96875
21/64	.328125	21/32	.65625	63/64	.984375

TAP DRILL SIZES

FOR 75% DEPTH OF THREAD

FRACTIONAL

Tap Size	Threads Per Inch	Drill
1/8	40 N.S.	38
5/16	24 N.S.	26
1/4	20 N.C.	7
1/4	28 N.F.	3
5/16	18 N.C.	17/64
5/16	24 N.F.	17/64
3/8	16 N.C.	5/16
3/8	24 N.F.	21/64
7/16	14 N.C.	3/8
7/16	20 N.F.	25/64
1/2	13 N.C.	27/64
1/2	20 N.F.	29/64
9/16	12 N.C.	31/64
9/16	18 N.F.	33/64
5/8	11 N.C.	17/32
5/8	18 N.F.	37/64
11/16	11 N.S.	19/32
11/16	16 N.S.	5/8
3/4	10 N.C.	21/32
3/4	16 N.F.	11/16
13/16	10 N.S.	23/32
7/8	9 N.C.	49/64
7/8	14 N.F.	13/16
7/8	18 N.S.	53/64
15/16	9 N.S.	53/64
1	8 N.C.	7/8
1	14 N.F.	15/16
1 1/8	7 N.C.	63/64
1 1/8	12 N.F.	1 3/64
1 1/4	7 N.C.	1 7/64
1 1/4	12 N.F.	1 11/64
1 3/8	6 N.C.	1 7/32
1 3/8	12 N.F.	1 19/64
1 1/2	6 N.C.	1 11/32
1 1/2	12 N.F.	1 27/64
1 5/8	5 1/2 N.S.	1 29/64
1 3/4	5 N.C.	1 9/16
1 7/8	5 N.S.	1 11/16
2	4 1/2 N.C.	1 25/32

MACH. SCREW

Tap Size	Threads Per Inch	Drill
0	80 N.F.	3/64
1	64 N.C.	53
1	72 N.F.	53
2	56 N.C.	50
2	64 N.F.	50
3	48 N.C.	47
3	56 N.F.	45
4	36 N.S.	44
4	40 N.C.	43
4	48 N.F.	42
5	40 N.C.	38
5	44 N.F.	37
6	32 N.C.	36
6	40 N.F.	33
8	32 N.C.	29
8	36 N.F.	29
10	24 N.C.	25
10	32 N.F.	21
12	24 N.C.	16
12	28 N.F.	14
14	20 N.S.	10
14	24 N.S.	7

TAPER PIPE TAP

1/8	27	11/32
1/4	18	7/16
3/8	18	37/64
1/2	14	23/32
3/4	14	59/64
1	11 1/2	1 5/32
1 1/4	11 1/2	1 1/2
1 1/2	11 1/2	1 47/64
2	11 1/2	2 7/32
2 1/2	8	2 5/8
3	8	3 1/4
3 1/2	8	3 3/4
4	8	4 1/4

All sizes N. P. T. (American Std. Pipe Threads)

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NO halfway measures are taken in building CRAFTSMAN tools. Every tool in the line is designed and built to be the finest of its kind, and from careful comparisons we know you can't buy better tools, regardless of the price you pay. Yet Sears prices are *one-third or more less* than other dealers ask for tools of approaching quality.

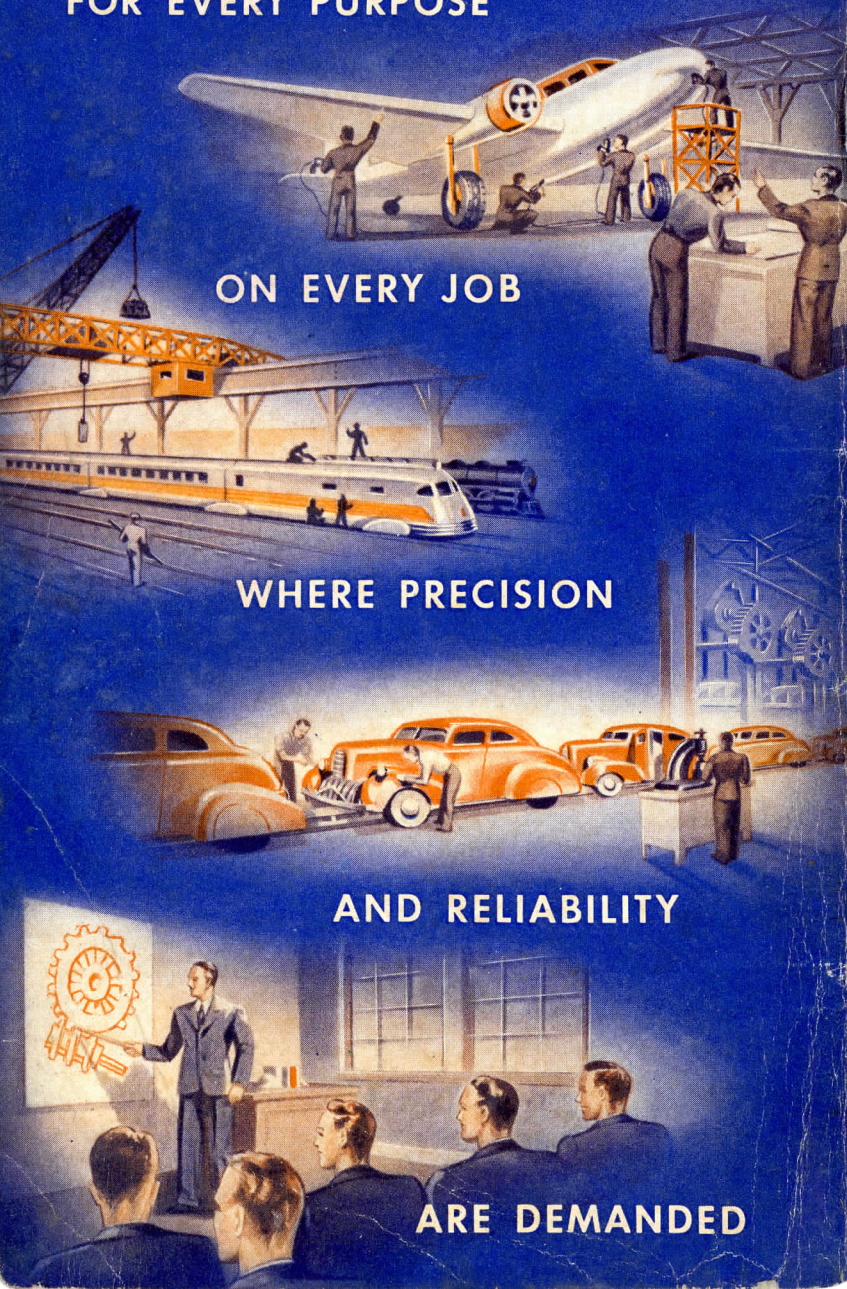
Smart mechanics know CRAFTSMAN quality, and they know of Sears money saving prices, too—that's why you find thousands of sets of CRAFTSMAN tools used every day in America's greatest airplane factories, railroad shops, automobile works and in famous technical schools.

CRAFTSMAN tools lead in design. They have the *extra features* master mechanics and professional craftsmen want—features possessed by no other brand of tools. CRAFTSMAN tools lead in such notable advancements as the use of sure-grip plastic handles; modern, tough alloy steels; and attractive streamline design.

Visit the hardware department of your nearest Sears store, ask to be shown the CRAFTSMAN tool or tools you are interested in. Examine the CRAFTSMAN line, notice the precision workmanship, the attractive knurling, the clean broaching, the mirror-like polish. You'll find CRAFTSMAN tools the sort you'll be proud to own.

USED EVERYWHERE

FOR EVERY PURPOSE



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ARE DEMANDED

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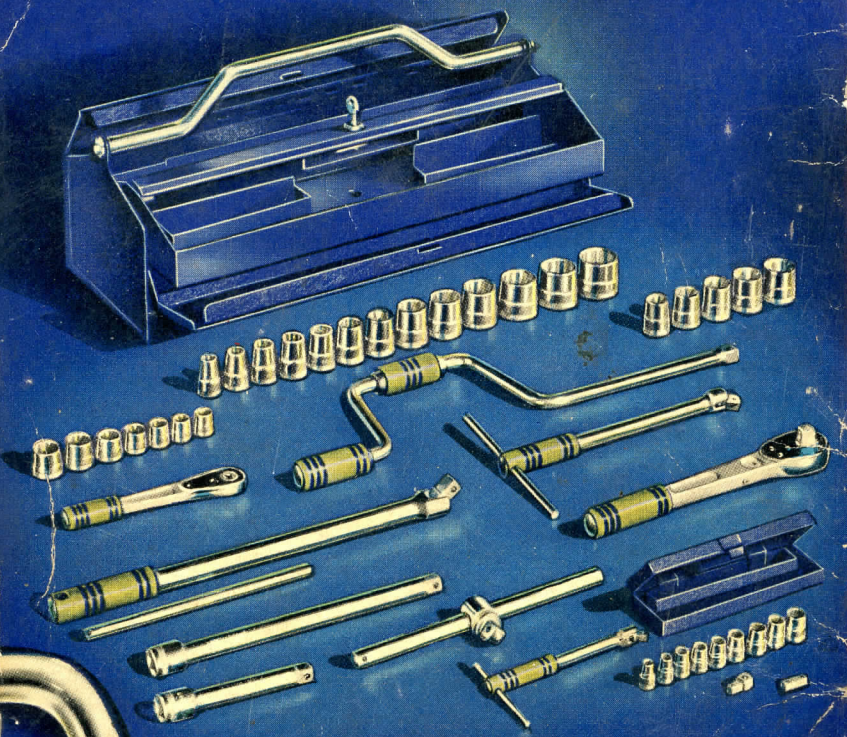

Outstanding in quality! A Knockout for good looks. This complete set of 47 pieces with unbreakable, easy gripping, transparent amber colored handles, is winning favor with mechanics everywhere. Its new type hip roof box, with divided top – makes removable tote tray easily accessible from either side. Its full length chrome plated handle permits easy carrying without having to close box. Equipped with an Elgin 5-disc tumbler lock and two keys. Handsome Blue Crystalline finish with chrome trim. It's America's outstanding mechanics DeLuxe set. See Page 6 for its surprising low price.

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